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UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF HOME ECONOMICS

# TITLES OF UNPUBLISHED THESES IN THE FIELD OF HOME ECONOMICS COMPLETED DURING THE YEARS 1924-1931

## Compiled by

Hazel E. Munsell, Senior Nutrition Chemist and Edith Evers, Foods and Nutrition Division

> May 1932 Washington, D. C.



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## PREFACE

The compilation of these titles presented here was first undertaken in 1928 as a part of the program of work of the Research Committee of the American Home Economics Association. This was done following a suggestion made by Doctor Louise Stanley who felt that a great deal of valuable research data was hidden away in unpublished master's and doctor's theses.

The titles, authors, and all data given were supplied by the colleges and universities consulted. The compilers did not have access to the original material. Questionnaires were sent to 190 institutions and 107 replies were received.

It has been the aim of the committee to present only the titles of unpublished theses on work done in the field of home economics. If the present plans are followed a supplement will be prepared each year.

## FAHILY RELATIONSHIPS

## CHILD DEVELOPMENT

## NUTRITION - PRE-SCHOOL CHILD

- A comparative study of the nutrition problem as it is met in the nursery school. Mrs. Opal Skaer Reed. 1929. 83 p. (Master's thesis, Oklahoma A & H College)
- Development and present status of nutrition work with pre-school children. Bertine Collins. 1925. (Master's thesis, University of Chicago)
- The expanse of malnutrition and the apparent causes among children of the pre-school age of Stillwater, Oklahoma. Mrs. Lola Oldham Williams. 1928. 151 p. (Master's thesis, Oklahoma A & M College)
- The food consumption and food habits of young children as modified by the nursery lunch. Florence A. Imlay. 1925. (Master's thesis, University of Chicago)
- The group lunch for the pre-school child. Myrtle E. Barker. 1924. (Master's thesis, University of Chicago)
- A study in the nutrition of the children at the University of Texas Nursery School. Frances Gillum. 1929. 100 p. (Master's thesis, University of Texas)
- A study of the nutrition of a pre-school child. Ellen W. Warth. 1928. (Master's thesis, Columbia University)
- Thirty adequate and successful dinner menus for pre-school children. Belle Fish. 1929. 73 p. (Master's thesis, Iowa State College)

## NUTRITION, GENERAL - See FOODS AND NUTRITION

## NUTRITION BEHAVIOR - PRE-SCHOOL CHILD

- Behavioristic reactions of a group of nursery school children to relatively unfamiliar vegetables, prepared by typical methods, and served at the midday meal. Miriam E. Lowenberg. 1929. 57 p. (Master's thesis, Iowa State College)
- Eating habits of pre-school children under home and nursery school conditions. Hary A. Ball. 1930. (Master's thesis, University of Chicago)
- Eating patterns of pre-school children. Mertie M. Cook. 1931. (Master's thesis, University of Chicago)

## CHILD DEVILOPHENT - Continued

## NUTRITION BEHAVIOR - PRE-SCHOOL CHILD -- Continued

- Food consumption and concentration of pre-school children as influenced by various experimental procedures. Carol I. Hess. 1931. (Master's thesis, University of Chicago)
- The modifiability of response to taste stimuli in the pre-school childliarguerite Gauger. 1929. (Master's thesis, Columbia University)
- The psychology of child nutrition. Rowena Schmidt. 1924. 130 p. (Master's thesis, University of Missouri)
- Reaction to environment during the meal of 72 pre-school children.

  Aldene S. Langford. 1923. 69 p. (Kansas State College)
- Reactions to food of children of pre-school age. Marion R. Moseley. 1925. (Master's thesis, University of Chicago)
- The reaction to food of country children of pre-school age. Frances
  A. Johnston., 1926. (Haster's thesis, University of Chicago)
- The reactions of a group of nursery school children to five common vegetables. Gladys E. Robinette. 1930. 42 p. (Haster's thesis, Ohio State University)
- A study of the prevalence and causes of lack of appetite in one hundred pre-school children. Eleanor R. Maclay. 1924. (Master's thesis, University of Chicago)
- A study of the possible relationship between the bone development of a group of eight children and their attitudes towards food. Margaret 7. Spiers. 1930. 57 p. (Master's thesis, Ohio State University)

## PARENTAL EDUCATION

- A joint project in pre-school and parent education in nutrition.

  Alberta B. Childs. 1928. (Master's thesis, University of Chicago)
- Problems of pre-school children: a basis for parental education.
  Marie A. Tilson. 1929. (Doctor's thesis, Columbia University)
- A report on a method of teaching parents, by means of certain text book material, to study, analyze, and guide the behavior of young children. Nancy E. Owen. 1929. 86 p. (Master's thesis, Cornell University)
- A study of parental management in rural homes. Sadie L. Oliver. 1928. (Master's thosis, Ohio State University)

## CHILD DEVELOPMENT - Continued

## PHYSICAL DEVELOPMENT - PRE-SCHOOL CHILD

- The hygiene and nutrition of the Mexican infant and pre-school child. Mrs. Helene P. Smith. 1930. (Master's thesis, University of Texas)
  - Indoor free-play activities of children three years nine months to four years nine months in a nursery school situation.

    Gertrude E. Potter. 1931. (Master's thesis, Ohio State University)
  - Physical manifestations of fatigue in young children. Mabel M. Potter. 1925. (Master's thesis, University of Chicago)
  - Seasonal variations in the rate of growth of pre-school children.

    Mary A. Brown. 1929. (Master's thesis, Ohio State University)
  - A study of colds in children of the University Cooperative Nursery School. Helen P. Summers. 1927. (Master's thesis, University of Chicago)
  - A study of the diet of the pre-school child in relation to seasonal variation in growth. Christine B. Clayton. 1927. 57 p. (Master's thesis, University of Minnesota)
  - A study of the posture of a group of nursery school children during the rest period. Elsa B. Bate. 1931. 59 p. (Master's thesis, Kansas State College)
  - A study of the relations of physical measurements, freedom from colds, and sleep of pre-school children. (Work begun at Merrill Palmer and completed at the University of Wisconsin) Frances Roberts. 1931. (Master's thesis, University of Wisconsin)
  - A study of the sleep of young children. Bernice Flemming. 1925. (Master's thesis, Kansas State College)
  - A study of status and growth of selected infants nine to fourteen months of age. Mrs. Ella Everett Paulus. 1928. 114 p. (Master's thesis, Cornell University)
  - See also FOODS AND NUTRITION, TEXTILES AND CLOTHING

## PRE-SCHOOL EDUCATION

- An educational experiment with a group of negro pre-school children.
  Essic J. Anderson. 1929. 130 p. (Master's thesis, University of Kansas)
  - Literature for the pre-school child. Ernestine H. Miller. 1929. (Master's thesis, Ohio State University)
  - The nursery school movement. Bertha N. Hauseman. 1929. (Master's thesis, University of Alabama)

ramily Relationships - Continued

## CHILD DEVELOPMENT - Continued

## PRE-SCHOOL EDUCATION -- Continued

- Observations of nursery school children. Mrs. Eleanor Morgan Mitchell. 1931. 40 p. (Master's thesis, Louisiana State University)
- The place home economics takes in pre-school education. Eileen Boone. 1929. 65 p. (Master's thesis, Colorado State Teachers College)
- A study to determine how students in the nursery school may be helped to become more efficient in their dealings with children.

  Winifred M. Edwards. 1930. 83 p. (Master's thesis, Kansas State College)
- A study of equipment for children from 18 to 42 months of age, with relation to the type of development it fosters. Lucille McCall. 1929. (Master's thesis, Kansas State College)
- A study of equipment for pre-school children in some Manhattan homes.

  Alice Englund. 1929. (Master's thesis, Kansas State College)
- A study of nursery school procedure with recommendations for changes.

  Hazel Hewett. 1931. 24 p. (Master's thesis, Alabama Polytechnic Institute)
- A study of the pre-school clinics of the Infant Welfare Society of Minneapolis. Rebecca Sholley. 1925. (Master's thesis, University of Chicago)
- A study of the selection of play equipment for children under four years of age. Clara K. Dugan. 1928. 80 p. (Master's thesis, Kansas State College)

## PSYCHOLOGICAL

- Factors in the successful management of young children. Edith F. Deadman. 1927. (Master's thesis, University of Chicago)
- Factors influencing the negativistic index of 25 nursery school children. Flora H. Spangler. 1931. 48 p. (Master's thesis, Kansas State College)
  - The musical capacities of children under seven years of age as shown by their responses to rhythmic patterns and selected music. Medora Grandprey. 1929. 30 p. (Master's thesis, Iowa State College)
  - Obedience of young children. Martha E. Siddall. 1928. (Master's thesis, University of Chicago)
  - A pictorial study of children's behavior in response to environment.

    Mrs. Jennie Reese Shuman. 1930. 58 p. (Master's thesis,

    Cornell University)

## CHILD DEVELOPMENT - Continued

## PSYCHOLOGICAL -- Continued

- The punishment of young children. Euphemia F. Strayer. 1929.

  (Master's thesis, University of Chicago)
- Some behavior problems common to pre-school children and the treatment used. Marie Mortensen. 1925. 77 p. (Master's thesis, Iowa State College)
- A study of abnormalities of pre-school children. Ruth E. Long. 1927. 58 p. (Master's thesis, Kansas State College)
- A study of the attitudes of nursery school children toward each other. Martha Hensley. 1929. (Master's thesis, Kansas State College)
- A study of interest in a group of nursery school children as manifested in free activity. Leone B. Kell. 1928. 45 p. (Master's thesis, Kansas State College)
- A study of motor control in young children as applied to dressing.

  Edna Armstrong. 1927. 54 p. (Master's thesis, Iowa State
  College)
- A study of resistant behavior based on observations of young children. Anna L. Payne. 1928. 90 p. (Master's thesis, Cornell University)
- A study of the selective behavior of a small group of pre-school children. Eleanor Holston. 1928. 56 p. (Master's thesis, Cornell University)
- A study of social groups among nursery school children. Mrs.

  Cecile Priest Sinden. 1930. 58 p. (Master's thesis,

  Cornell University)
- A study of some environmental factors affecting the behavior of a normal four year old child. Edna B. Snyder. 1927. 74 p. (Master's thesis, Kansas State College)
- A study of some of the factors affecting the amount of gross bodily movement in a group of nursery school children. Ruth M. Kell. 1927. 50 p. (Master's thesis, Kansas State College)

TIME STUDIES ON INFANT CARE. See FAMILY ECONOMICS

## SOCIAL

- Chicago families: a study of unpublished census data. Day Monroe. 1930. 350 p. (Doctor's thesis, University of Chicago)
- Sources of statistical data relating to homes and homemaking in the United States - a classified, annotated bibliography. Leila F. Venable. 1926. (Master's thesis, University of Chicago)

## FAMILY LIFE

- Home problems for boys. Ivah M. Rhyan. 1929. 152 p. (Master's thesis, Indiana University)
- The relationship between age and environment and the home activities of boys and girls. Mattie Pattison. 1931. (Master's thesis, University of Chicago)
- The status of families in a university community. Naomi Leach. 1928. 59 p. (Master's thesis, University of Oklahoma)
- A study of family life in an industrial neighborhood. Silva McC. Wood. 1924. (Master's thesis, University of Chicago)
- A study of the home and personal needs of some Chicago working girls. Mattie G. King. 1929. (Master's thesis, University of Chicago)
- A study in social home problems. Millicent M. Coss. 1927. (Master's thesis, Columbia University)

#### USE OF LEISURE

- The use of leisure by homemakers in a college community. Zelta Rodenwold. 1929. 80 p. (Master's thesis, Iowa State College)
- The use of leisure by rural homemakers. Mrs. Myrtle Ferguson. 1929. (Master's thesis, State College of Washington)
- A study of the leisure of fifty Kansas farm women. Mildred Thurow. 1929. (Master's thesis, Kansas State College)

## FAMILY ECONOMICS

## MONEY AND REAL INCOME

- Economic possibilities for the rural women and girls of New York State. Nancy E. Kritser. 1927. 122 p. (Master's thesis, Cornell University)
- Household employment in Chicago. B. E. Johnson. 1931. 300 p. (Doctor's thesis, University of Chicago)
- Household production: A study of its economic characteristics.

  Margaret G. Reid. 1931. 350 p. (Doctor's thesis, University of Chicago)
- A study of the home and local crafts of the pioneers of Washington County, Arkanzas. Mrs. Bonita Musgrave. 1929. 88 p. (Master's thesis, University of Arkansas)

## PRODUCTION ACTIVITIES

#### TIME STUDIES

- Factors in the economical use of time in meal service. Leone M. Ryder. 1927. 84 p. (Master's thesis, Iowa State College)
- The present use of time by homemakers. Ina Z. Crawford. 1926.
  95 p. (Master's thesis, University of Idaho)
- A study of time and waste correlations in the use of paring knives. Celia B. Fredrickson. 1929. (Master's thesis, University of Chicago)
- A study of time and waste of material in preparation of vegetables.

  Ethel M. Smith. 1927. (Master's thesis, University of Chicago)
- A time and motion comparison on four methods of dishwashing. Nellie M. Vedder. 1929. (Master's thesis, University of Chicago)
- Time spent in the care of infants one year of age and under.

  Mrs. Laura Cowley Brossard. 1930. 72 p. (Master's thesis,

  University of Chicago)
- Time spent in meal preparation in private households. Maud M. Wilson. 1931. (Master's thesis, University of Chicago)

## PRODUCTION ACTIVITIES - Continued

## TIME STUDIES - Continued

Time study of infant care. Lucile Rust. 1925. 68 p. (Master's thesis, Kansas State College)

## See also FAMILY RELATIONSHIPS

## PURCHASING PROBLEMS

- The better business bureaus. Mildred N. Robinson. 1928: (Master's thesis, University of Chicago)
- Consumers! cooperation. Julia E. Brekke. 1924. (Master's thesis, University of Chicago)
- The protection of the consumer under section V of the Federal Trade Commission Act. Eva Comegys. 1927. (Master's thesis, University of Chicago)
- Report on a study of household purchases made by the deferred payment plan in a New York City department store for one year. Rhondena A. Armstrong. 1927. (Master's thesis, Columbia University)
- Standardization as an aid to the consumer in market selection. Jessie V. Coles. 1930. 350 p. (Doctor's thesis, University) of Chicago)
- A study of the buying habits and buying information of rural purchasers of canned foods. Alice G. Ryan. 1930. (Master's thesis, University of Chicago)

See also FOODS AND NUTRITION

## MANAGEMENT OF FINANCES

## SAVINGS ACCOUNTS

- A study of trends in savings accounts. Henrietta K. Burton. 1930. 150 p. (Doctor's thesis, Columbia University)
- A study of the variations in savings and deficits of families similar in size and income. Birdie Vorhies. 1931. (Master's thesis, University of Chicago)

## THRIFT

Development of family thrift attitudes and practices. Irma H. Cross. 1931. 300 p. (Doctor's thesis, University of Chicago)

## STANDARDS AND COST OF LIVING

- The automobile as a factor in household expense. Pauline P. Durbin. 1926. (Master's thesis, University of Chicago)
- College students! budgets. Olive Douglass. 1928. (Master's thesis, Columbia University)
- A comparative study of the household expenditures of thirty-eight Ohio farm families for two years, 1927 and 1928. Doris M. Ufer. 1930. 102 p. (Master's thesis, Ohio State University)
- The cost of sickness. Kate M. Penn. 1926. 45 p. (Master's thesis, Kansas State College)
- Distribution of the food dollar in some Mississippi practice houses. Essie L. Gee. 1931. 60 p. (Master's thesis, George Peabody College for Teachers)
- Hospital costs. Anne Mulcaster. 1928. 20 p. (Master's thesis, University of Iowa)
- Mother's allowances in the Canadian provinces. Marian Langdon. 1928. (Master's thesis, University of Chicago)
- Personal and household expenditures of farm families in three Kansas communities and their relation to certain factors in the farm business. Marianne Muse. 1927. 79 p. (Master's thesis, Kansas State College)
- Standard low-cost food budgets used by social agencies. Ada M. Moser. 1931. (Master's thesis, University of Chicago)
- Standard of living of fifty farm families near Ames, Iowa. Ethyl C. Morgan. 1928. 136 p. (Master's thesis, Iowa State College)
- Study of a food budget for Nashville wage earners. Atha M. Cronk. 1930. 97 p. (Master's thesis, George Peabody College for Teachers)
- A study of household operation costs. Marie M. Power. 1928. 43 p. (Master's thesis, University of Washington)
- A study of living costs of a selected group of families in Tuscaloosa; Alabama. Grace Miller. (Master's thesis, University of Alabama)
- A study of the values and satisfactions secured to a group of Kansas women in relation to their expenditures of time, effort, and money. Mary A. Mason. 1924. 69 p. (Master's thesis, Kansas State College)

## THEHOUSE

## HOUSE PLANNING

#### CONSTRUCTION

The information of a group of one hundred homemakers concerning certain principles of house construction and furnishing as shown by replies to a questionnaire. Isabelle M. Hitchcock. 1926. (Master's thesis, Ohio State University)

## KITCHEN

- Improvements possible to three farm kitchens. Caroline R. Kesler. 1924. 105 p. (Master's thesis, Kansas State College)
- The improvement of the farm kitchen. Edith A. Holmberg. 1928.

  138 p. (Master's thesis, Kansas State College)
- The location, planning, and layout of a modern kitchen. Mary E. Bullinger. 1925. (Master's thesis, Pennsylvania State College)

## SANITATION

Sanitation of the rural home. S. G. Brintle. 1924. 103 p. (Master's thesis, Oklahoma A & M College)

## EQUIPMENT AND FURNISHINGS

## BUDGETS

- Home furnishing budgets. Lillian Carson. 1926. (Master's thesis, University of Chicago)
- The relation between expenditures for household furnishings and equipment and the family income. Mary R. Moss. 1931. 75 p. (Master's thesis, Kansas State College)

#### CERAMICS

An historic study of form and design in the field of ceramics.

Louise F. Udden. 1925. (Master's thesis, University of California)

## DISHWASHERS

- Power dishwashing machines. Lilly E. Kohl. 1926. (Master's thesis, University of Chicago)
- The dishwashing machine: a study of the history of its development for institution use. Ethel Clarke. 1930. (Master's thesis, University of Chicago)

## EQUIPMENT AND FURNISHINGS - Continued

## DISHWASHERS - Continued

A study of the new model electric and sink spray dishwashers.

Hay Gleason. 1928. (Master's thesis, University of Chicago)

#### FURNISHINGS

- Furnishings and equipment for three home management houses at

  Purdue University. Laura Deephouse. 1931. (Master's thesis,

  Purdue University)
  - The information of a group of one hundred homemakers concerning certain principles of house construction and furnishing as shown by replies to a questionnaire. Isabelle M. Hitchcock. 1926. (Master's thesis, Ohio State University)

## FURNITURE - See INTERIOR DECORATION

## INTERIOR DECORATION

- Decorating and furnishing a typical Spanish-American home. Reuben A.Nuckles. 1927. (Master's thesis, University of Chicago)
- The influence of certain classic motifs on Adam Brothers' interiors and furniture. Mary E. Carse. 1927. (Master's thesis, University of Chicago)
- The manufacture of modern furniture and its use in the home.

  Lyda McRaven. 1930. (Master's thesis, Purdue University)
- The Moorish element in Spanish furniture. Florence E. Foster. 1924. (Master's thesis, University of California)
- Ornamental motives of design in northern Europe, illustrated by examples ancient and modern. Hazel Husted. 1927. (Master's thesis, University of California)
- A study of the architecture, furniture, and furnishings of the period of the early republic, 1790-1830. Jessie Birner. 1927. (Master's thesis, University of Wisconsin)
- A study of color in modern interiors. Kathryn J. Journey. 1928. (Master's thesis, University of Chicago)
- Tudor furnishings as seen against the social background of the period. Marion Linn. 1927. (Master's thesis, University of California)

## KETTLES

A study of certain factors in gas heating affecting the efficiencies of aluminum kettles. Lolie Smith. 1930. 35 p. (Master's thesis, Kansas State College)

## EQUIPMENT AND FURNISHINGS - Continued

#### KNIVES

A study of time and waste correlations in the use of paring knives.

Celia B. Fredrickson. 1929. (Master's thesis, University

of Chicago)

#### LIGHTING UTENSILS

The historic development of form and material in lighting utensils.

Marjorie Flashman. 1927. (Master's thesis, University of California)

#### OVENS .

Comparative time, efficiency, and cost studies for gas and electric ranges. Gladys T. Pearcy. 1926. (Master's thesis, University of Chicago)

The sensitivity of thermostatic controls on ovens. Clara L. Graves. 1930. 40 p. (Master's thesis, Iowa State College)

A study of the operation cost of an electric oven. Zula M.

Dowler. 1927. 107 p. (Master's thesis, Iowa State College)

See also FOODS AND NUTRITION

#### REFRIGERATORS

Bacteriological tests on the efficiency of various types of household refrigerators. Eleanor M. Murray. 1925. (Master's thesis, Iowa State College)

A study of some factors affecting efficient refrigeration in the home. Romaine Wood. 1929. 72 p. (Master's thesis, University of Missouri)

## SEWING EQUIPMENT

A historical development of pins, needles, scissors, and thimbles.
Miriam H. Lawrence. 1927. 54 p. (Haster's thesis, George
Peabody College for Teachers)

## SILVER

Early American silver; its identification and origins. Elizabeth Wiley. 1925. (Master's thesis, University of California)

## WATERLESS COOKERS

The cooking of vegetables and dried fruits in waterless cookers considering flavor, time, and fuel consumption. Emily A. King. 1927. (Pennsylvania State College)

See also FOODS AND NUTRITION

#### HOUSEKERPING STANDARDS AND MANAGEMENT

Trends and needs in home management. An analytical study of home management in higher institutions in order to ascertain trends and to formulate policies. Helen E. Judy. 1929. (Doctor's thesis, Columbia University)

## LAUNDERING

Factors involved in the extraction of water in the home laundry process. Lila W. Pfautz. 1930. 30 p. (Master's thesis, Iowa State College)

See also TEXTILES AND CLOTHING

#### SOAP

The saving of soap to a household of Columbus, Ohio, by the use of city water as now softened, as compared to the possible saving involved in the use of water of zero parts hardness. Pauline Snyder. 1927. (Master's thesis, Ohio State University)

A study of laundry soap and soap powders. Lillian Sensintaffer. 1924. 73 p. (Master's thesis, University of Missouri)

## FOODS AND NUTRITION

## DIETARY STUDIES

## CHILDREN

- A comparison of the diets of pre-school negro and pre-school white children in the city of Austin, Texas. Mrs. Ercel Eppright. 1930. (Master's thesis, University of Texas)
- The dietary habits of the high school girls of Mitchell County Iowa, in relation to their health and state of mutrition. Florence E. Wilcox. 1928. (Master's thesis, Iowa State College)
- A dietary study of a selected group of children in an institution with special reference to the effect of health lessons on food selection. Ruth E. Williams. 1929. 68 p. (Master's thesis, Kansas State College.
- Dietary studies of nursery school children. Olive Jones. 1927. 84 p. (Master's thesis, Cornell University)
- A dietary study of thirty-five active, adolescent boys. Mary E. Currier. 1928. (Master's thesis, University of Chicago)
- The energy intake of healthy girls ten to sixteen years of age.

  Bernice C. Wait. 1930. (Doctor's thesis, University of Chicago.)
- Food consumption of pre-school children in an orphanage. Mrs. Virginia C. White. 1929. (Master's thesis, University of Chicago)
- A nursery school dietary study. Virginia Messenger. 1926. 69 p. (Master's thesis, Iowa State College)
- A nutrition study of consolidated schools in Nebraska. Ione E. Hosman. 1929. (Master's thesis, University of Chicago)
- A research in the dietaries for malnourished girls. Blanche M. Lacy. 1926. 128 p. (Master's thesis, Oklahoma A & M College)
- A study of the dietary and health habits of the school children of 6th, 7th, and 8th grades in Leon County, Florida. Clarin Belcher. 1928. (Master's thesis, Florida State College for Women)
- A study of the diet and health habits of 54 junior high school girls at Holton, Kansas. Lillie Johnson. 1928. 80 p. (Master's thesis, Kansas State College)

## DIETARY STUDIES - Continued

## CHILDREN (Continued)

- A study of the diets and some of the health habits of children from 2 to 7 years of age in a college community. Ruth Campbell. 1924. 62 p. (Master's thesis, Kansas State College)
- A, study of the diets of healthy children from two to six years by the individual method. Anne L. Goodhue. 1924. (Master's thesis, University of Chicago)
- A study of the food habits of a group of pre-school children with reference to variety and choice of food. Josephine Brooks.

  1927. 47 p. (Master's thesis, Kansas State College)
- Variation in caloric intake and eating habits of pre-school children. Mary Lewis. 1931. (Master's thesis, University of Chicago)

## See also FAMILY RELATIONSHIPS

## COLLEGE STUDENTS

- Consumption and cost of food for college women at Oregon State College. Minerva V. Grace. 1929. 35 p. (Master's thesis, Oregon State Agricultural College)
- A dietary study of two groups of college men. Ruth Blanshan. 1928. (Master's thesis, Iowa State College)
- The food consumption of McCroskey Hall for women for the college year of 1928-1929. Leila E. Moore. 1930. (Master's thesis, State College of Washington)
- A nutritional study of the diet of the normal college woman.

  Mary L. Woodard. 1931. 32 p. (Master's thesis, University of Oklahoma)
- A study of the food and health habits of a group of college women.

  Edith Bangham. 1924. (Master's thesis, Ohio State University)
- A study of food selection habits of men and women at Louisiana State University cafeteria. Mrs. Mabel Chapman Pegues. 1930. 40 p. (Master's thesis, Louisiana State University)

#### GENERAL .

- A comparison of the cost of adequate diets in rural communities in Ohio with the cost of similar diets in Columbus. Glenna S. Pryor. 1930. (Master's thesis, Ohio State University)
- Contribution to the problem of length of time of sampling periods in dictary studies. Bessie E. McClelland. 1931. (Master's thesis, University of Chicago)

## DIETARY STUDIES - Continued

## GEMERAL (Continued)

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- A dietary study. Corina R. Ellis. 1928. 63 p. (Master's thesis, George Peabody College for Teachers)
- A forestry camp dietary study. Marguerite LaD. Corkill. 1926. (Master's thesis, Iowa State College)
- A study of low cost dietaries. Mrs. Louise Turner Cloyd. 1929. (Master's thesis, University of Kentucky)

#### INSTITUTION

- A dietary survey of three State institutions in Montana. Elizabeth Cooley. 1924. 42 p. (Master's thesis, Montana State College)
- A dietary study of two State institutions. Maude Greub. 1927. 57 p. (Master's thesis, Kansas State College)
- Institution diets studied by the individual method. Marion F. Williams. 1926. (Master's thesis. Ohio State University)
- A series of case studies based on an outline for use by student dietitions. Helen J. Hubbell. 1928. (Master's thesis, Columbia University)
- Standardization of the general hospital diet. Edna M. Shalla. 1925. 24 p. (Master's thesis, State University of Iowa)
- A study of the dietaries of four State institutions. Nellie R. Evans. 1925. 90 p. (Master's thesis, Kansas State College)
- A study of the nutritive value and cost of an institutional dietary based on the individual food consumption of eight boys. Florence Harris. 1929. 49 p. (Master's thesis, Kansas State College)

## See also CHILDREN

## OTHER RACES

- The adequacy and economy of some Mexican diets. Mary Goldman. 1929. 96 p. (Master's thesis, University of Texas)
- A study of the diet of the southern negro in Charlotte, North Carolina. Wilyjou Medlock. 1926. (Master's thesis, Columbia University)
- The value of the inventory dietary study tested by the individual method on twelve Polish families. Julia R. Hogue. 1925. (Master's thesis, University of Chicago)

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See also NUTRITION

### FOOD COMPOSITION

#### ALGAE

Marine algae as food: Some aspects of their consumption, composition, and nutritional value. Sarah M. Field. 1930. (Master's thesis, Iowa State College)

#### ALMOND

The nature and availability of almond carbohydrates. Vera MacNair.
1928. (Master's thesis, University of California)

#### CHEESE

Relation of manufacture to the phosphorus content of different cheeses. Ferne Bowman. 1929. (Master's thesis, University of Chicago)

#### CIDER

The total weak acids and total organic acid content of cider and the effect of cider upon urinary acidity. Mary L. Slattery, Sr. 1925. (Master's thesis, University of Chicago)

#### COFFEE

- A study of the caffein and tannin content of various coffee brews.

  Louise A. Phelps. 1929. 28 p. (Master's thesis, Kansas State College)
- A study of the copper acetate method for the determination of tannin in coffee brews. Amy V.H. Rader. 1926. 81 p. (Master's thesis, University of Kansas)

#### FRUIT

- The effect of various methods of extraction on the composition of fruit juice. Margaret L. Barrett. 1930. 99 p. (Master's thesis, University of Kansas)
- A preliminary study of methods for determining the organic acids in citrus fruits. Elizabeth H. English. 1925. (Master's thesis, University of Chicago)

#### IRON

- A colorimetric method for the determination of iron in plant tissue.
  Ruth E. Pohlman. 1924. (Master's thesis, Iowa State College)
- The effect of iron kitchen utensils on the increase in iron content of some foods. Erline P. Hubbard. 1930. 32 p. (Master's thesis, Iowa State College)
- Iron content of canned vegetables. Frances A. Starin. 1924.
  (Master's thesis, University of Chicago)

## FOOD COMPOSITION - Continued

#### MITK

A chemical study of certain milk preparations used in infant feeding.

Iva F. Newburn. 1924. 56 p. (Master's thesis, University of Illinois.)

## MUSTARD GREENS

Designation of the State of St

The chemical composition of mustard greens. Edith Cox. 1924. 41 p. (Master's thesis, George Peabody College for Teachers)

## OXALIC ACID

The oxalic acid content of vegetables used as greens. Alice E. Ryder. 1929. (Master's thesis, University of Chicago)

#### RASPBERRIES

A study of the chemical composition and gelation properties of raspberries. Osee Hughes. 1930. (Master's thesis, University of Chicago)

## STARCH

The distribution of carbohydrates in certain vegetables. Pearl
Swanson. 1924. 42 p. (Master's thesis, University of Minnesota)

## TURNIP TOPS

Chemical determination food value of turnip tops. Mary T. Peacock. 1924. 33 p. (Master's thesis, George Peabody College for Teachers)

Energy value of cooked turnip greens determined by oxycalorimeter. Louise Lehning. 1930. 39 p. (Master's thesis, George Peabody College for Teachers)

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## WHEAT

An ash analysis of wheat brans and breads before and after artificial digestion. Edith I. Strobel. 1928. 69 p. (Master's thesis, University of Kansas)

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#### COST STUDIES

- A cost study of bulk and semi-bulk salads. Margaret E. Terrell. 1927. (Master's thesis, University of Chicago)
- A cost study of feeding children. Clara Cramsey. 1926. 64 p. (Master's thesis, Iowa State College)
- Fuel cost for the canning of beef. Oona Stautz. 1928. 67 p. (Master's thesis, Iowa State College)
- Methods for reducing food costs. Suggested by experiments in providing a basic food order. Olive E. Shattuck. 1928. 64 p. (Master's thesis, Iowa State College)
- Raw food cost distribution among personnel groups, Childrens Hospital State University of Iowa. Edna E. Kenney. 1926. 32 p. (Master's thesis, State University of Iowa)
- The relation of nutrition value to cost of food in a hospital for children. Mary B. Lawton. 1926. 18 p. (Master's thesis, University of Iowa)
- A study of food cost distribution in a general hospital. Vivian L. Moe. 1925. 42 p. (Master's thesis, University of Iowa)
- Cost distribution in the mutrition department of the State
  University of Iowa Hospitals. Eunice Longworth. 1926.
  54 p. (Master's thesis, State University of Iowa)
- A study of household wastes in food; an attempt to ascertain the budget adjustment necessitated by wastes. Sara J. Patton. 1925. (Master's thesis, University of Chicago)

#### MARKETING

- Cereal breakfast foods; a study of the manufacturing processes and of market prices. Alice H. Mustard. 1926. (Master's thesis, University of Chicago)
- Consumer demand for apples in Chicago. Myrtle A. Gunselman. 1926. (Master's thesis, University of Chicago)

## FOOD ECONOLICS - Continued

## MARKETING - (Continued)

- A five-year survey of the prices of apples. Margaret Hegberg. 1926. (Master's thesis, University of Chicago)
- The marketing of canned and dehydrated fruits and vegetables.
  Willetta Moore. 1925. (Master's thesis, Iowa State College)
- The marketing of milk from the standpoint of the consumer. Helene Heye. 1927. 188 p. (Master's thesis, Iowa State College)
- Marketing of Florida grapefruit. Margaret G. Mighell. 1929. (Master's thesis, University of Chicago)
- Recent tendencies in the varietal consumption of lettuce. Maybelle S. Ehlers. 1927. (Master's thesis, University of Chicago)
- The seasonal distribution of fruits and vegetables in California and its significance to the consumer. And L. Olsen. 1925.

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- A study of fish in the Chicago market. Mac Reeso. 1928. (Master's thesis, University of Chicago)
- A study of the wholesale prices of beef and veal on the Chicago market. Mary E. Dillenback. 1926. (Master's thesis, University of Chicago)

## FOOD PREPARATION AND SERVICE

ASPARAGUS - See VEGETABLES

BAKING - See BAKING POWDER, CAKES, FATS, FLOUR, MUFFINS, YEAST

## BAKING POWDER

The relation of the reaction time of baking powders to their use in baking. Isabel T. Nobel. 1925. (Master's thesis, University of Chicago)

## BATTERS AND DOUGHS

New methods for the study of physical and chemical properties of the batter and dough series. Isabel T. Nobel. 1930. 150 p. (Doctor's thesis, University of Chicago)

BEANS - See VEGETABLES

BEEF - See MEAT

## BISCUITS -

Photographic records of the effect of manipulation on muffins, biscuits and cakes. Gladys E. Vail. 1927. (Master's thesis, University of Chicago)

BREAD - See FLOUR, YEAST

BUTTER - See CAKE

CABBAGE - See VEGETABLES

## CAME

- A comparison of hydrogenated fat and butters churned from creams of varying acidity upon the volume, texture, and flavor of plain cake. Clella L. Jenkins. 1931. 51 p. (Master's thesis, Iowa State College)
- A comparison of some methods of mixing upon the flavor, texture, and tenderness of plain cake. Lora R. James. 1930. (Master's thesis, Iowa State College)
- The effect of the extent of mixing the ingredients on the staling of plain cake. Anna M. Olsen. 1931. 59 p. (Master's thesis, Iowa State College)
- Heat penetration of cake and muffin batters as indicated by records of interior temperatures. Mary E. Kirkpatrick. 1930. (Master's thesis, University of Chicago)

## FOOD PREPARATION AND SERVICE - Continued

## CAKE (Continued)

- The influence of some factors in making a loaf cake. Mildred M. Burgess. 1929. 223 p. (Master's thesis, George Peabody College for Teachers)
- Photographic records of the effect of manipulation on muffins. biscuits, and cakes. Gladys E. Vail. 1927. (Master's thesis, University of Chicago)
- The relationship between some of the properties of egg whites and their angel-food-cake-making properties. Mrs. Virginia Downing Currey. 1930. (Master's thesis, University of Kentucky)
- Some factors affecting the quality of angel food cake. Sara J. Reed. 1931. 60 p. (Master's thesis, Kansas State College)
- Some problems in making angel food cake. Addie F. Hester. 1928. 154 p. (Master's thesis, George Peabody College for Teachers)

See also FLOUR

CANDY - See CRYSTAILIZATION

CARROTS - See VEGETABLES

## COFFEE

Factors affecting the quality of coffee brews. Elizabeth D. Benedict: 1925. 98 p. (Master's thesis, University of Kansas)

## CROQUETTES

A study of fat absorption in the cooking of croquettes. Mary Carter. 1930. 55 p. (Master's thesis, George Peabody College for Teachers)

## CRYSTALLIZATION

- Effect of egg albumin on the crystallization of sugar from sirups. Ethel L. Swanson. 1929. (Master's thesis, Iowa State College)
- Influence of hydrogen ion concentration, manipulation, and storage on the character of the fondant. Kathryn A. Tissue. 1926. (Master's thesis, University of Chicago)
- Photomicrographic studies of fondant. Vida B. Wentz. 1927. (Master's thesis, University of Chicago)
- Photomicrographic studies of masses of finely dispersed sucrose crystals. Helen Van Gilder. 1930. (Master's thesis. University of California)

## CRYSTALLIZATION (Continued)

Problems in fondant making. Augusta E. Fort. 1924. 135 p. (Master's thesis, George Peabody College for Teachers)

The role of invert sugar in controlling texture in fondant. Helen
M. Dayhoff. 1924. 102-p. (Master's thesis, University of Kansas)

The substitution of honey for sugar. Mrs. Leila Holmes. 1927. 15 p. (Master's thesis, University of Oklahoma)

## EGGS

Effect of egg albumin on the crystallization of sugar from sirups.

Ethel L. Swanson. 1929. (Master's thesis, Iowa State College)

A study of the effect of cooking on the digestibility of whole egg protein. Roberta Λ. Hershey. 1929. 36 p. (Master's thesis, Michigan State College)

The relationship between some of the properties of egg whites and their angel-food-cake-making properties. Mrs. Virginia Downing Currey. 1930. (Master's thesis, University of Kentucky)

## EQUIPINT - See INSTITUTIONAL EQUIPMENT

See also THE HOUSE

## F.ITS

A comparison of the shortening power of the various fats as tested by their tensile strength in a baked product. Margaret Ahlborn. 1924. 32 p. (Master's thesis, Kansas State College)

Deep fat frying in large quantity cookery. Hazel I. Schrack. 1928. 25 p. (Master's thesis, Iowa State College)

See also CAKES, MEAT

## FAT ABSORPTION - See CROQUETTES, VEGETABLES

#### FLOUR

Effect of grade of soft wheat flour on loaf cake. Mary E. Maddux. 1930. 67 p. (Master's thesis, George Peabody College for Teachers)

Effects of grades of soft wheat flour on yeast bread. Lela C. Holman.
1931. 85 p. (Master's thesis, George Peabody College for Teachers)

Factors influencing bread making with graham flour. Mable Maddux 1931. 89 p. (Master's ,thesis, George Peabody College for Teachers)

## FOOD PREPARATION AND SERVICE - Continued The state of the s

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The ratio of liquid to flour in yeast bread made from different. grades of flour. Ithel E. Loflin. 1922. 42 p. (Master's thesis, University of Kansas)

- Review of recent literature of physical and chemical properties of bread flours, Cordelia Enos. (Master's thesis, University of Chicago)
  - A study of batter bread made with yeast. Agnes G: Little. 1927. 146 p. (Master's thesis, George Peobody College for Teachers)
- · A study of yeast bread made with soft wheat flour. Mary L. Lyle. 1926. 94 p. (Master's thesis, George Peabody College for Teachers)
  - The use of dried yeast in making light bread from Missouri soft wheat flour. Jessie A. Cline. 1925. 87 p. (Master's thesis, University of Missouri)
  - The use of Missouri soft wheat flour in making light bread. Laurel E. Davis. 1924. 266 p. (Master's thesis, University of Missouri)
  - The use of Oklahoma soft wheat flour in the making of butter cakes. Julia E. Eastwood. 1930. 25 p. (Master's thesis, University of Oklahoma.)

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FOWLS - See MEATS

FRYING - See FATS

GELATIN - See JELLIES

HAM - See MEAT

HEAT PENETRATION - See CAKE, NEAT

HI STORI CAL

- Food and table customs of imperial Rome and medieval England. Adele R. Blackwell. 1928. 68 p. (Master's thesis, George Peabody College for Teachers)
- Food and table customs of the South 1607-1865. Annie M. Fisher. 1931. 70 p. (Master's thesis, George Peabody College for . Teachers)
  - Hospitality as revealed by a study of old taverns in the United States. Ruth A. Henderson. 1928. (Master's thesis, · Columbia University) and the second and the second

## HISTORICAL (Continued)

The influence of geography on colonial American food. Virginia R. Dickinson. 1930. 75 p. (Master's thesis, George Peabody College for Teachers)

Louisiana cookery, its history and development. Mary B. Reed. 1931. 61 p. (Master's thesis, Louisiana State University)

#### HONEY

Honey and its use in cookery. Helen Kelloway. 1930. 76 p. (Master's thesis, Oregon State College)

The substitution of honey for sugar. Lirs. Leila Holmea. 1927. 15 p. (Master's thesis, University of Oklahoma)

## HYDROGEN ION CONCENTRATION

A study of the hydrogen ion concentration of certain waters used in cooking. Brenta MacGreagor. 1927. (Master's thesis, University of Chicago)

See also CRYSTALLIZATION, VEGETABLES

#### ICE CREAM

A study of binders used in homemade ice cream. Winnie J. Hood. 1930, 62 p. (Master's thesis, George Peabody College for Teachers)

INSTITUTIONAL COOKERY - See FATS, MEATS, JELLIES

## INSTITUTIONAL ECONOMICS

A price study of poultry for the institution buyer. Ada E. Porter. 1929. (Master's thesis, University of Chicago)

- A study of the administrative budgets of four Chicago High School lunchrooms. Mozelle E. Craddock. 1926. (Master's thesis, University of Chicago)
- A study of certain housekeeping costs in three State Institutions.

  Helen S. Deeley. 1926. 52 p. (Master's thesis, Kansas State College)
- A study of the comparative cost of fresh and canned vegetables used in institutions. Florence A. Quast. 1930. 79 p. (Master's thesis, University of Washington)
- A study of the comparative cost of the preparation of vegetables by machine and by hand in institutions. Helen Λ. Goodenow. 1931. 58 p. (Master's thesis, University of Washington)

## INSTITUTIONAL ECONOMICS (Continued)

- A study of cost accounting in three institutions. Clara Bradley. 1928. (Master's thesis, University of Wisconsin)
  - A study of food expenditure in a dormitory for women. Katherine Kinsler. 1928. (Master's thesis, University of Chicago)
  - A study of food selection and expenditure for certain groups in a college community. Edith Gundmeier. 1924. 49 p. (Master's thesis, Kansas State College)

## INSTITUTIONAL EQUIPMENT

- The cost of utensils for a university cafeteria serving a thousand.

  Lucile C. Hartman. 1929. (Master's thesis, University of Chicago)
- Depreciation of china, glass, and silver in institution situations.

  Helen C. Gwin. 1928, (Master's thesis, University of Chicago)
- The institution kitchen of a dormitory. A study of the layout and equipment adequate for serving five hundred to eight hundred.
  Mildred M. Reynolds. 1927. (Master's thesis, University of Chicago)
- The minimum essentials in furnishings, fixtures, and equipment for the food unit of a college residence hall serving one hundred to one hundred fifty persons. Sarah Morris. 1928. 99 p. (Master's thesis, Kansas State College).
- A study of equipment for high school lunchrooms serving five hundred. Maudell Brown. 1926. (Master's thesis, University of Chicago)

## INSTITUTIONAL MANAGEMENT

- Analyses of the activities in the lunchrooms and dining halls of the University of Chicago. 1925. Florence Farquhar. 1925. (Master's thesis, University of Chicago.
- An application of the principles of scientific management to the layout of the food units of the Memorial Union Building at Iowa State College. Florance M. King. 1928. 29 p. (Master's thesis, Iowa State College)
  - A compilation of sources of information in institution economics.

    Melissa Hunter. 1925. (Mastersthesis, University of Chicago)
  - Courses in institutional food preparation and service. Keo A.
    Minert. 1925. 63 p. (Master's thesis, Towa State College)

## INSTITUTIONAL MANAGEMENT (Continued)

- Frozen and cold-pack fruits: A study to determine availability and suitability for institution use. Gladys R. Kies. 1929. (Master's thesis, University of Chicago)
- Greek letter organizations, their housing, and financing. A. Grace Johnson. 1926. (Master's thesis, Columbia University)
- Micru-making for many with standardized recipes for twenty-five and one hundred servings. Mrs. Christmas K. Idle. 1929. 161 p. (Master's thesis, University of Oklahoma)
- The organization, administration, and equipment for a school lunch room serving two hundred. Incretia M. Hoover. 1930. 73 p. (Master's thesis, Kansas State College)
- A plan for the service of meals in four residence halls, using a central food unit. Ruby F. Clark. 1930. (Master's thesis, Purdue University)
- A plan for the service of meals in four residence halls, using two food units. Mildred Alter. 1930. (Master's thesis, Purdue University)
- Potato information serving the institution buyer. Jessie 0. Lowe. 1928. (Master's thesis, University of Chicago)
- Residence halls of the Kansas State colleges as compared with those of other State colleges in the middle west. Gladys V. Addy. 1926. 22 p. (Master's thesis, Kansas State College)
- Some administrative problems of the high school cafeteria. Willard S. Ford. 1927. (Doctor's thesis, Columbia University)
- A study of lunchroom management. Mrs. Edna Brizendine Mullins. 1926. 160 p. (Master's thesis, University of Indiana)
- Standardization of institutional formulae in terms of weight. Group I.

  Iva B. Welch. 1931. 67 p. (Master's thesis, Kansas State College)
- Standardization of institutional formulae in terms of weight. Group II. Florence I. Mirick. 1931. 56 p. (Master's thesis, Kansas State College)
- Standardization of institutional formulae in terms of weight. Group III.

  Julia A. Nelson. 1931. 52 p. (Master's thesis, Kansas State College
- Standardization of institutional formulae in terms of weight. Group IV. Cecile M. Jackson. 1931. 77 p. (Master's thesis, Kansas State College)

## INSTITUTIONAL MANAGEMENT (Continued)

- Standardization of institutional formulae in terms of weight. Group V. Alice B. Newbill. 1931. 55 p. (Master's thesis, Kansas State College)
- Standardization of institutional formulae in terms of weight. Group VI. Marita Monroe. 1931. 66 p. (Master's thesis, Kansas State College)
  - The use of edible viscera of beef, pork, and lamb in public food service. May Foster. 1927. 57 p. (Master's thesis, Iowa State College)
  - The use of left over foods in institutions. Elma R. Stewart. 1925. 90 p. (Master's thesis, Kansas State College)

See also DIETARY STUDIES

## INSTITUTIONAL SURVEYS

- A dietary and institutional survey of two Iowa State schools. Lenore M. Sullivan. 1929. 80 p. (Master's thesis, Iowa State College)
- Survey of the children's farm home of the Oregon Women's Christian Temperance Union. Vera H. Brandon. 1929. 314 p. (Master's thesis, Oregon State Agricultural College)
- A survey of the food service and marketing methods in certain of the organized women's houses at the University of Washington. Rosalie S. Godfrey. 1926. 44 p. (Master's thesis, University of Washington)

## **JELLIES**

- An analytical study of apple pectin. Ella G. Flynn. 1924. (Master's thesis, University of Chicago)
- An analytical study of current juice. Mariel Hopkins. 1924. (Master's thesis, University of Chicago)
- A comparison of gelatins used in large quantity salad preparation. Cleo D. Holmes. 1928. 23 p. (Master's thesis, Iowa State College)
- Fruit jellies and their pectin constituents. Mrs. Leah Norton Hartmann. 1929. (Master's thesis, Columbia University)
- Sand plum jelly. Mrs. Starr Otto Doyel. 1926. 19 p. (Master's thesis, University of Oklahoma)

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LOSSES DUE TO COOKING- See MEATS, VEGETABLES

## MAYONNAI SE

Factors affecting stability of mayonnaise. Daisy Miller. 1929.
139 p. (Master's thesis, University of Missouri).

## MEATS

- An attempt to apply the collagen determination to cooked meat.

  Adamae Dorman. 1931. 26 p. (Master's thesis, University of California)
- A comparison of the losses in roasting beef in the gas versus electric ovens. Helen M. Hunt. 1926. (Master's thesis, Iowa State College)
- The effect of fat on the heat conductivity and composition of beef reasted under controlled conditions. Mary E. Thille. 1927. (Master's thesis, University of California)
- Effect of salt on total cooking losses of various cuts of beef.

  Clara M. Snyder. 1930. (Master's thesis, Iowa State College)
- Factors influencing shrinkage in cooked ham. Daisy I. Purdy. 1926. 79 p. (Master's thesis, University of Minnesota)
- Factors influencing shrinkage in cooked ham; a study of the influence of cooling temperatures. Beulah V. Gillaspie. 1928. 75 p. (Master's thesis, University of Minnesota)
- Losses sustained in preparing fowls of different sizes for the table. Blanche A.Tansil. 1927. 189 p. (Master's thesis, George Peabody College for Teachers)
- A method for determining the specific amount of heat needed to cook lean meat. Pauline L. Hall. 1926. (Master's thesis, Iowa State College)
- Shrinkage and carving waste in large quantity meat cookery. Elsie Z. McElhinney. 1927. 51 p. (Master's thesis, Iowa State College)
- Shrinkage and carving waste in cuts of beef and ham for institutional use. Alice M. Burgoin. 1929. 71 p. (Master's thesis, Iowa State College)
- A study of bound and free water in raw prime beef. May Macomber. 1929. 50 p. (Master's thesis, University of Minnesota)
- A study of bound and free water in cooked prime beef. Florence C. Kelley. 1929. 50 p. (Master's thesis, University of Minnesota)
- A study of controlled conditions in cooking hams. Jennie I.
  Rowntree. 1925. (Master's thesis, University of Chicago)

MEATS (Continued)

- A study to determine the best method for roasting a chuck cut of beef in regard to palatability and shrinkage. Sylvia Cover. 1929. 198 p. (Master's thesis, University of Missouri)
- A study of fat absorption in different methods of frying veal. Annie J. Blair. 1931. 48 p. (Master's thesis, George Peabody College for Teachers)
- A study of the losses in roasting beef under certain controlled conditions. Vera F. Kite. 1926. (Master's thesis, Iowa State College)
- A study of temperature and time of cooking on the quality and palatability of meat. Celia W. Craghead. 1928. 132 p. (Master's thesis, University of Missouri)

MILK

A study of powdered skim milk with special reference to its household use. Helen Pixton. 1929., 84 p. (Master's thesis, Oregon State Agricultural College)

MUFFINS

A study of flour muffins. Mary A. Little. 1927. 100 p. (Master's thesis, George Peabody College for Teachers)

Photographic records of the effect of manipulation on muffins, biscuits, and cakes. Gladys E. Vail. 1927. (Master's thesis, University of Chicago)

Heat penetration of cake and muffin batters as indicated by records of interior temperatures. Mary E. Kirkpatrick. 1930. (Master's thesis, University of Chicago)

PECTIN - See JELLIES

POTATOES - See VEGETABLES

SALT - See MEAT, VEGETABLES

SHRINKAGE - See MEAT

SPINACH - See VEGETABLES

SUGAR - See CRYSTALLIZATION

VEAL - See MEATS

# \FOOD PREPARATION AND SERVICE - Continued

#### VEGETABLES

- Comparative study of quality of four varieties of potatoes for mashing in quantity. October 15, 1930 April 15, 1931.

  Minerva Harbage. 1931. (Master's thesis, Ohio State University)
- The cooking quality of 23 varieties of Idaho potatoes. Mary L. Ralph. 1924. (Master's thesis, University of Idaho)
- The cooking of vegetables and dried fruits in waterless cookers considering flavor, time, and fuel consumption. Emily A. King. 1927. (Pennsylvania State College)
- The cooking of vegetables containing pigments and sulfur-yielding glucosides. Esther Cooley. 1925. (Master's thesis. University of Chicago)
- Culinary properties of different varieties of potatoes from different soils in Pennsylvania. Carrie B. Hibshman. 1924.

  (Master's thesis, Pennsylvania State College)
- Determination of the minimum and maximum cooking for vegetables and of the ensuing losses. Susanne Thompson. 1925. (Master's thesis, University of Chicago)
- Economy of certain vegetables with special reference to calcium and phosphorus as affected by source and method of cooking.

  Marian E. Brookover. 1929. 38 p. (Master's thesis, Kansas State College)
- The effect of changes in the hydrogen ion concentration of the cooking liquid on losses in cooking asparagus. May O. Mackintosh. 1930. (Master's thesis, University of Chicago)
- effect of different periods of cooking upon the mineral content of green leafy vegetables. Nancy Hudson. 1929. 24 p. (Master's thesis, Louisiana State University)
  - Effects of hydrogen ion concentration to color changes on cooking green vegetables. Mary G. Harvey. 1928. (University of Chicago)
  - The effect of the use of salt in cooking certain vegetables.

    Pauline W. Snyder. 1926. (Master's thesis, Ohio State
    University)
  - The hydrolysis of carbohydrates of potatoes by high temperature cooking. Hallie W. Hyde. 1924. (Master's thesis, University of Chicago)
  - Losses in cooking vegetables containing carotinoids. Dorothy Dean. 1928. (Master's thesis, University of Chicago)

# FOOD PREPARATION AND SERVICE - Continued

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# VEGETABLES (Continued)

- Losses in cooking vegetables containing chlorophyll and sulphur glucosides. Sister Jeanne d'Arc Hurley. 1928. (Master's thesis, University of Chicago)
- Losses in cooking vegetables of the cruciferae and lilliaceae families. Fannie A. Jackson. 1927. (Master's thesis, University of Chicago)
- Losses in iron and carbohydrates in cooking carrots. Margaret R. Wallace. 1926. (Master's thesis, University of Chicago)
- Losses in iron and reducing substances in cooking cabbage and green beans. S. Luella Overn. 1926. (Master's thesis, University of Chicago)
- Losses of iron in the cooking of spinach. Ona A. Prather. 1926.
  (Master's thesis, University of Chicago)
- Losses of volatile sulphur and amino nitrogen caring the cooking of members of the Crucifera family. Mary Jenkins. 1929.
  (Master's thesis, University of Chicago)
- The mineral losses of cooked spinach. Rachel Davis. 1930. (Master's thesis, University of Illinois)
- The relation between carbohydrate content and the cooking qualities of Michigan potatoes. Jennie D. Fisher. 1931. (Master's thesis, Michigan State College)
- A review of the literature of mineral losses from vegetables cooked in salted water. Ruth S. Coleman. 1927. (Master's thesis, University of Chicago)
- A study of fat absorption on cooking string beams. Alta C. Smith. 1930. 52p. (Master's thesis, George Peabody College for Teachers)
- A study of the losses of dry matter and ash constituents in cooking vegetables. Edna Honeywell. 1924. (Master's thesis, University of Wisconsin)
- A study of the waste in and the time for preparation of certain fresh fruits and vegetables. Lillian Harriet Johnson. 1931. 62 p. (Master's thesis, Kansas State College)
- Vegetable pigments: their chemistry and their preservation in cooking. Evelyn G. Halliday. 1929. (Doctor's thesis, University of Chicago)

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#### WASTE IN FOODS

- Losses sustained in preparing fowls of different sizes for the table. Blanche A. Tansil. 1927. 189 p. (Master's thesis, George Peabody College for Teachers)
- Shrinkage and carving waste in large quantity meat cookery. Elsie A. McElhinney. 1927. 51 p. (Master's thesis, Iowa State College)
- Shrinkage and carving waste in cuts of beef and ham for institutional use. Alice M. Burgoin. 1929. 71 p. (Master's thesis, Iowa State College)
- Some problems in the determination of waste in foods. Alice
  Harkness. 1927. 37 p. (Master's thesis, Kansas State College)
- A study of time and waste of material in preparation of vegetables. Ethel M. Smith. 1927. (Master's thesis, University of Chicago)
- A study of waste in oranges as affected by size and method of preparation. Nina Browning. 1927. 49 p. (Master's thesis, Kansas State College)

#### YEAST

- A study of batter bread made with yeast. Agnes G. Little. 1927.

  146 p. (Master's thesis, George Peabody College for Teachers)
- A study of yeast bread made with soft wheat flour. Mary L. Lylc. 1926. 94 p. (Master's thesis, George Peabody College for Teachers)
- The use of dried yeast in making light bread from Missouri soft wheat flour. Jessie A. Cline. 1925. 87 p. (Master's thesis, University of Missouri)
- The use of yeast starters in breadmaking. Jessie B. Woodworth. 1923. 66 p. (Master's thesis, University of Kansas)

#### NUTRITION

#### ANEMIA

The relation of copper, manganese, and iron in anemia. Rachel W. Working. 1929. 47 p. (Master's thesis, Kansas State College)

A survey of the literature on the treatment of anemia of whatever type. Winifred Lipscomb. 1930. 29 p. (Master's thesis, Alabama Polytechnic Institute)

See also COD-LIVER OIL, LETTUCE, MILK, ORANGE

#### APPETITE

Appetite and hunger in children of low-income groups. Helen E. Dumond. 1928. (Master's thesis, University of Chicago)

A study of the appetites of 150 colored children in Auburn. Ruth Kernodle. 1929. 36 p. (Master's thesis, Alabama Polytechnic Institute)

BEANS, NAVY - See MINERALS

BREAKFAST FOODS - See CEREALS

CALCIUM - See MINERALS

#### CASEIN

The nutritive value of casein and lactalbumin. Catherine MacLaren. 1930. (Master's thesis, University of Illinois)

#### CELLULOSE

Studies upon edible cellulose. Elma F. Miller. 1928. 54 p. (Master's thesis, University of Kansas)

CHILD, PRE-SCHOOL, NUTRITION - See FAMILY RELATIONSHIPS

#### CEREALS

In vitro studies on the digestibility of the carbohydrate of cereals,
Margaret L. Dean. 1930. (Master's thesis, University of Chicago)

In vitro studios on the digestibility of the carbohydrate of cereals.

Mary E. Wing. 1931. (Master's thesis, University of Chicago)

The influence of the method of preparation on digestibility of cornmeal. Mildred Halstead. 1924. 23 p. (Master's thesis, Kansas State College)

The nutritive value of breakfast foods. Ruth M. Graham. 1923. 112 p. (Master's thesis, University of Missouri)

#### COD-LIVER OIL

- A Study of the effect of cod liver oil in the diet of the experimental guinea pig. Nancy L. Booker. 1927. 56 p. (Master's thesis, Cornell University)
- Cod liver oil tolerance in infants. Frances Van Arsdale. 1927.
  71 p. (Master's thesis, Cornell University)
- The effect of cod liver oil on the hemoglobin content of the blood of anemic colloge girls. Margaret Raffington. 1928.
  43 p. (Master's thesis, Kansas State College)
- The effect of cod liver oil on the gastric acidity of anemic college students. Evelyn Colburn. 1927. 38 p. (Master's thesis, Kansas State College)
- The effect of cod liver oil and orange juice on the regeneration of blood in dogs recovering from hemorrhagic anemia. Lila M. Canavan. 1929. 38 p. (Master's thesis, Kansas State College)
- The effect of cod liver oil and orange juice on the gastric acidity of dogs made anemic by hemorrhage. Gladys M. Boehm. 1929. 38p. (Master's thesis, Kansas State College)

#### COFFEE

- The comparative influence of tea and caffein upon the rate of oxygen consumption, and the relation of the rise in uric acid output to the rate of oxygen consumption. Inga M.K. Allison. 1925. (Master's thesis. University of Chicago)
- The effect of coffee and tea upon the metabolism of young women students. Eleanor Childers. 1925. 91 p. (Master's thesis, University of Missouri)
- A study of the changes in basal metabolism produced by drinking chicory, coffee, chicory-coffee, decaffeinated coffee and tea brews. Anne Marold. 1930. 46 p. (Master's thesis, Michigan State College)
- A study of the effect of coffee on calcium balance. Kathleen S. Dietrich. 1927. 41 p. (Master's thesis, University of Minnesota.)

#### CONSTIPATION

- Dietary study of constipation in inactive children. Martha V. Nelson. 1924. 31 p. (Master's thesis, University of Iowa)
- A study of constipation in inactive adults. Nelda Ross. 1924.
  54 p. (Master's thesis, University of Iowa)
- A study of the relation of diet to constipation. Elizabeth Magers. 1924. 44p. (Master's thesis, University of Iowa)

COPPER - See MINERALS

CORNMEAL - See CEREALS

#### CYSTINE

- A comparison of the physiological effects of dietary cystine and of egg white on young rats with particular reference to kidney changes. Susic C. Geiger. 1931. (Master's thesis, University of Wisconsin)
- The physiological effects of varying amounts of dictary cystine on young rats and the protection afforded by certain factors.

  Elizabeth Knott. 1930. (Master's thesis, University of Wisconsin)
- The utilization by human subjects of the nitrogen, calcium, and phosphorus of the navy bean (Phaseolus vulgaria) with and without a supplement of cystine. Martha S. Pittman, 1930 (Doctor's thesis, University of Chicago)

#### DIABETES

- The effect of high sugar diets on the acid-base balance of the blood in diabetes. Frances E. Mortenson. 1929. 25 p. (Master's thesis, University of Iowa)
- Past and present methods of dietary control in diabetes illustrated by ease histories. Dorothy Domarest. 1928. (Master's thesis, Columbia University)
- Some changes in the diabetic dictotherapy in the State University of Iowa hospitals from 1917 to 1924. Blanch Bohach. 1924.
  49 p. (Master's thesis. State University of Iowa)

#### DIARRHEA

Nitrogen and mineral metabolism in infants having diarrhea.

Beula Becker. 1928. 35 p. (Master's thesis, University of Iowa)

#### EDUCATION, EFFECT OF

- The effect of supervision of the planning of meals and the purchasing of food on the dietary practices and food expenditures of the organized group. Ethel F. Trump. 1930. 46 p. (Master's thesis, Kansas State College)
- Improvement of the nutrition of high school students through home economics. Lola Stone. 1929. (Master's thesis, University of Chicago)
- An investigation as to the possibility of changing the food habits of high school children through the teaching of nutrition.

  Myrtle C. Hunter. 1930. 91 p. (Master's thesis, University of Washington)

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#### EGGS

- A comparison of the physiological effects of dietary cystine and of egg white on young rats with particular reference to kidney changes. Susie C. Geiger. 1931. (Master's thesis, University of Wisconsin)
- Nutritive value of egg yolk. Helen J. Cade. 1930. (Master's thesis, University of Illinois)
- A study of the effect of cocking on the digestibility of whole egg protein. Roberta A. Hershey. 1929. 36 p. (Master's thesis, Michigan State College)

# EPILEPSY

Past and present methods of dietary control in epilepsy. Beatrice Clapp. 1928. (Master's thesis, Columbia University)

# EXERCISE - See WEIGHT

#### FOOD CONSUMPTION

- The energy intake of girls 14 to 17 years old. Mattie M. Prater. 1931. 82 p. (Master's thesis, George Peabody College for Teachers)
- Food consumption of adolescent boys determined by the oxycalorim ator. Marian Williamson. 1929. (Master's thesis, University of Chicago)

# See also DIETARY STUDIES

#### FOOD SELECTION

A study of children's selection of food and some of the factors influencing it. Rachael W. Sanders. 1929. 186 p. (Master's thesis, Cornell University)

#### GENERAL

- A comparative study of standard stock diets. Edith E.S. Martin. 1929. 35 p. (Master's thesis, Kansas State College)
- A critical survey of prevailing food fads. Alice Sherfy Houston. 1927. 27 p. (Master's thesis, University of Washington)
- Dietary recommendations in athletic training. Anna L.H. Linville. 1930. 139 p. (Master's thesis, University of Indiana)
- The feeding of children from infancy through adolescence: an annotated bibliography. Ethel S. Tudor. 1930. 62 p. (Master's thesis, Ohio State University)
- A nutrition problem with special reference to hegro children.

  Mary Baynham. 1924. 71 p. (Master's thesis, University of Missouri)

# GENERAL (Continued)

- Nutrition work with children in America. Mei Y. Chen. 1928. (Master's thesis, Columbia University)
- Nutritional aspects of hemoglobin formation. Julia P. Brunson. 1927. (Master's thesis, University of Kentucky)
- Studies of human diets by long time feeding experiments with animals.

  Myrna N. Holman. 1931. 60 p. (Master's thesis, Kansas State
  College)
- A study of the cause and failure of a specific ration. Hazel M. Hauck. 1925. 40 p. (Master's thesis, University of Washington)
- A study of the effect of mid-morning lunch on the noonday meal of school children. Frances E. Wiley. 1929. 31 p. (Master's thesis, University of Washington)
- A study of an experiment in nutrition for children in Nashville.

  Mary A. Stennis. 1927. 56 p. (Master's thesis, George
  Peabody College for Teachers)
- A survey of the nutrition of colored families in Chicago. Eva G.C. Boss. 1929. (Master's thesis, University of Chicago)

# See also FAMILY RELATIONSHIPS

# GRAPE JUICE

A study of the effect of supplementary feeding of grape juice and milk on the rate of growth of children. Zorada Z. Titus. 1927. (Master's thesis, Iowa State College)

#### GROWTH

- Relation of diet to growth of children in two Iowa State children's homes. Hilda P. McAllister. 1929. 160 p. (Master's thesis, State University of Iowa)
- Seasonal variation in growth of children; a study of 567 children in open air schools of Kansas City, Missouri. Edith N. Cross. 1928. 36 p. (Master's thesis, Kansas State College)
- Seasonal variations in height and weight of school children. Irene F. Conry. 1928. 106 p. (Master's thesis, George Peabody College for Teachers)
- A study of diet as a possible causative factor of seasonal variation in growth of 118 Kansas City children. Grace Steininger. 1927. 58 p. (Master's thesis, Kansas State College).
- Study of factors in the development of suckling young of rats.
  Ruth McC. Laurance. 1929. 87 p. (Master's thesis, State
  University of Iowa)

# GROWTH (Continued)

- A study of the seasonal variation in the growth of Kansas school children. Ethel J. Marshall. 1926. 50 p. (Master's thesis, Kansas State College)
- A study of suppression of growth in the albino mouse with special reference to age at the beginning of suppression. Emily M. Bennett. 1924. 35 p. (Master's thesis, Kansas State College

HUNGER - See APRETIME

HYDROGEN ION - See MILK

ICE CREAM - See MILK

IRON - See MINERALS

#### IRRADIATION

- Calcium metabolism on diets containing rolled oats, ordinary and irradiated. Anna J. Jaros. 1928. (Master's thesis, University of Chicago)
- Calcium retention of a malnourished child receiving daily sumbaths during July and August. Florence I. Scoular. 1929. (Master's thesis, Iowa State College)
- The effect of direct sunlight on the storage of vitamins A and D in the livers of hogs. Charlotte B. Barney. 1929. 62 p. (Master's thesis, University of Nebraska)
- The effect of ultra-violet irradiation upon calcium retention in a case of low calcium tetany. Helen C. Morling. 1927. (Master's thesis, Iowa State College)
- Utilization by irradiated normal adult subjects of the calcium and phosphorus in raw milk and in ice cream. Isabelle Gillum. 1929. 28 p. (Master's thesis, Kansas State College)

#### LACTATION

- The effect of autoclaved and irradiated yeast on lactation in the rat. Dorothy Husseman. 1929. (Master's thesis, University of illinois)
- The effect of lactation upon the concentration of blood sugars
  in several species of animals fed diets containing various
  levels of protein. Elizabeth Crase. 1929. (Master's thesis,
  University of Wisconsin)
- The effect of some human dietaries on lactation in the rat. Olga.

  Zwermann. 1930. (Master's thesis, University of Illinois)
- Lactosemia during pregnancy and lactation. Jean E. Hawks. 1924.
  44 p. (Master's thesis, State University of Iowa)

# LACTATION (Continued)

A study of the extent of breatfeeding and the factors affecting it in two hundred and four hospital cases. Martha M. Hunter. 1929. (Master's thesis, University of Chicago)

See also VITAMIN A, VITAMIN B, VITAMIN D,

#### LETTUCE

The effect of lettuce or of lettuce ash in the diet of anemic college women. Martha Morrison. 1927. (Master's thesis, Iowa State College)

The effect of lettuce in the diet of underweight college girls.
Ruth Chapman. 1927. (Master's thesis, Iowa State College)

Influence of high protein diet, including lettuce, on the blood of anemic college women. Margaret M. Thompson. 1929.

(Master's thesis, Iowa State College)

LUNCH - See SCHOOL LUNCH

MANGANESE - See MINERALS

#### MENTAL GROWTH

Relation between school achievement and nutritional state of children as shown by weight to height relationship. Olive M. Hannant. 1927. 33 p. (Master's thesis, University of Washington)

A study to ascertain the relation between the intelligence quotient and the physical nutritional conditions of a group of junior high school pupils. Mildred Turner. 1929. 113 p. (Master's thesis, Oklahoma A & M College)

A study of the effect of nutrition on mental growth. Annie J. Smith. 1924. 39 p. (Master's thesis, George Peabody College for Teachers)

#### METABOLISM, BASAL

The basal metabolic rate of college women at high altitudes.

Zilla Linford. 1931. (Master's thesis, Utah State Agricultural College)

Basal metabolism, protein intake, and nitrogen excretion of college women. Marie H. Killinger. 1929. 75 p. (Master's thesis, University of Illinois)

Calorie and protein intake of superior pre-school children determined by the aid of the oxycalorimeter. Ruth Blair. 1929. (Master's thesis, University of Chicago)

# METABOLISM, BASAL (Continued)

- The determination of the surface area of women and its use in expressing basal metabolic rate. Hannah S. Bradfield. 1927. 30.p. (Doctor's thesis, University of Missouri)
- Diet and basal metabolism of overweight college women. Deborah W. Solliday. 1928. (Master's thesis, University of Illinois)
- The effect of coffee upon the basal metabolism of young women.

  Helen Hackett. 1937. 18 p. (Master's thesis, University of Oklahoma)
- The effect of exercise upon the metabolic rate of individuals of widely different weights. Beatrice H. Carpenter. 1930. 21 p. (Master's thesis, University of Washington)
- Periodic variation in the basal metabolism of normal women. Margaret L. Plant. 1929. (Master's thesis, University of Chicago)
- The relation between a reducing diet, basal metabolism, and loss in weight, and some effects of the ingestion of desiccated thyroid. Louise I. Clemens. 1925. (Master's thesis, University of Chicago)
- Report of an investigation into our present knowledge of the energy requirements of children (with a note on their protein requirements) between the ages of six and sixteen. Margery Abrahams. 1927. (Master's thesis, Columbia University)
- A study of blood sugar curves after glucose ingestion in normal, underweight and overweight individuals. Leita Davy. 1924. 20 p. (Master's thesis, University of Iowa)
- A study of the effect of coco-cola on the basal metabolism of college women and adolescent girls. Louise E. Perkinson. 1931. 39 p. (Master's thesis, University of Oklahoma)
- A study of low-calorie diets; their effect on basal metabolism, and on reducing of overweight female subjects. Neva C.

  McDonnall. 1926. 48 p. (Master's thesis, Kansas State College)
- A study of the normal vital capacity of children under basal metabpolism conditions and its relation to weight, standing height, sitting height, and surface area. Anna Page. 1926. (Master's thesis, Columbia University)
- A study of the pulse and respiration rates of children under basal metabolism conditions. Vera L. Newburn. 1926. (Master's thesis, Columbia University)
- Sublingual temperature in children from six to sixteen years under basal metabolism conditions. Peatrice Geiger. 1926. (Master's thesis, Columbia University)

# METABOLISM, BASAL (Continued)

- The use of glucose in the diets of overweight young women receiving the basal energy requirement. Edna H. McIntire. 1929.

  (Master's thesis, Iowa State College)
- Yearly variation in the basal metabolism of children. Katherine B. Gunn. 1925. (Master's thesis, University of Chicago)

See also COFFEE,

See also TEXTILES AND CLOTHING

#### MILK

- A comparison of raw, pasteurized, evaporated and dried milk as a source of calcium and phosphorus for the normal adult. Esther Latzke. 1928. 37 p. (Master's thesis, Kansas State College)
- A comparative study of treated and untreated milk as sources of calcium and phosphorus. Sister Mary F. Vetter. 1926. 55 p. (Master's thesis, University of Minnesota)
- The effect of copper in evaporated milk on hemoglobin regeneration in nutritional anemia. Adelaide Glaser. 1930. (Master's thesis, Kansas State College)
- Part I. The effect of heat upon certain constituents of milk.

  Part II. Adult utilization of heated milk. Kate Daum. 1925.

  (Doctor's thesis, University of Chicago)
- The effect of a supplementary milk lunch on food intake and gains in weight. Gladys Stillman. 1929. (Master's thesis, University of Chicago)
- Hydrogen-ion concentration studies of milk. Mrs. Amy Linderoth Newberg. 1930. (Master's thesis, University of Chicago)
- A study of the comparative values of fresh, dried, and condensed milks as sources of calcium for the growing child. Mary M. Shaw. 1926. 37 p. (Master's thesis, Kansas State College)
- A study of the effect of supplementary feeding of grape juice and milk on the rate of growth of children. Zorada Z. Titus. 1927. (Master's thesis, Iowa State College)
- Utilization by irradiated normal adult subjects of the calcium and phosphorus in raw milk and in ice cream. Isabelle Gillum. 1929. 28 p. (Master's thesis, Kansas State College)
- Utilization by normal adult subjects of the calcium and phosphorus in raw milk and in ice cream. Myra T. Potter. 1930. (Master's thesis, Kansas State College)

#### MINERALS

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- An analysis of the literature pertaining to calcium and phosphorus metabolism in children. Laura P. Craig. 1931. (Master's thesis, University of Chicago)
- Calcium metabolism on diets containing rolled oats, ordinary and irradiated. Anna J. Jaros. 1928. (Master's thesis, University of Chicago)
- The calcium and phosphorus metabolism of dogs on low calcium diets,
  Margaret V. Seberger. 1929. 156 p. (Master's thesis,
  University of California)
- Calcium and phosphorus metabolism: A study of the utilization of varying amounts of milk in the adult dietary. Helen Ehrhardt, 1930. 49 p. (Master's thesis, Kansas State College)
- Calcium retention of a malnourished child receiving daily sunbaths during July and August. Florence I. Scoular. 1929. (Master's thesis, Iowa State College)
- Calcium retention in women on a diet high in fat. Ruth Jordan. 1929. (Purdue University)
- Calcium retention in women on a diet low in fat. L. Margaret Johnson. 1929. (Purdue University)
- A comparison of raw, pasteurized, evaporated, and dried milk as a source of calcium and phosphorus for the normal adult. Esther Latzke. 1928. 37 p. (Master's thesis, Kansas State College)
- A comparison of the utilization of calcium from raw and cooked vegetables. Lucile Horton. 1926. 44 p. (Master's thesis, University of Minnesota)
- A comparative study of treated and untreated milk as sources of calcium and phosphorus. Sister Mary F. Vetter. 1926. 55 p. (Master's thesis, University of Minnesota)
- The effect of certain mineral elements on reproduction in the rat. Frances S. Holton. 1926. (Master's thesis, University of California)
- The effect of copper in evaporated milk on hemoglobin regeneration in nutritional anemia. Adelaide Glaser. 1930. (Master's thesis, Kansas State College)
- Effect of different periods of cooking upon the mineral content of green leafy vegetables. Nancy Hudson. 1929. 24 p. (Master's thesis, Louisianá State University)

# MINERALS (Continued)

- The effect of the injection of the extract of the parathyroid gland on the total phosphorus and lipoid phosphorus in the blood and liver of dogs with and without vitamin D. Marion J. Hunt. 1930. 22 p. (Master's thesis, University of California)
- The effect of orange juice on the metabolism of two growing children:
  I. Calcium, phosphorus, magnesium, and nitrogen metabolism.
  II. Urinary organic acids, ammonia, and hydrogen ion concentration. Margaret S. Chaney. 1925. (Doctor's thesis, University of Chicago)
- The effect of ultraviolet irradiation upon calcium retention in a case of low calcium tetany. Helen C. Morling. 1927. (Master's thesis, Iowa State College)
- The effect of vitamin D upon the calcium and phosphorus metabolism of dogs on diets of varying reactions. Helen F. Householder. 1929. 73 p. (Master's thesis, University of California)
- Metabolism experiment on the adult albino rat fed once a day; observation on calcium metabolism. Marguerite G. Mallon. 1926. (Doctor's thesis, University of Chicago)
- Nitrogen and mineral metabolism in infants having diarrhea. Beula Becker. 1928. 35 p. (Master's thesis, University of Iowa)
- Phosphorus retention of some healthy three and four year old children. Leida Adamberg. 1929. (Master's thesis, Iowa State College)
- The quantity of calcium and of phosphorus furnished by vegetables in the diets of some pre-school children. Jessie M. Tarwater. 1929. (Master's thesis, Iowa State College)
- The relation of copper, manganese, and iron in anemia. Rachel W. Working. 1929. 47 p. (Master's thesis, Kansas State College)
- Some effects following the incorporation of a mineral rich corn residue in the diet of the albino rat. Bessie S. McEown. 1931. 53 p. (Master's thesis, Iowa State College)
- A study of the calcium retention of American Cheese. Ruth Darby. 1931. 45 p. (Master's thesis, Purdue University)
- A study of the comparative values of fresh, dried, and condensed milks as sources of calcium for the growing child. Mary M. Shaw. 1926. 37 p. (Master's thesis, Kansas State College)
- A study of cyclic variations in blood calcium level and the response to calcium ingestion in normal women. Therese M. Christensen. 1926. (Master's thesis, University of California)

# MINERALS (Continued)

- A study of the effect of coffee on calcium balance. Kathleen S. Dietrich. 1927. 41 p. (Master's thesis, University of Minnesota)
- Studies in iron metabolism. II. The utilization of iron of vegetables by normal healthy women. Letitia Thornburg. 1925.

  (Master's thesis, Iowa State College)
- A study of the iron requirement of pre-school children. Iva H. Hansen. 1927. 38 p. (Master's thesis, University of Minnesota)
- A study of the phosphorus requirements of normal four year old children. Rena Klooster-Potts. 1931. 27 p. (Master's thesis, Michigan State College)
- A study of the relative merits of ferric sulphate and colloidal ferric hydroxide in the regeneration of hemoglobin. Mary S. Newman. 1928. (Master's thesis, University of Kentucky)
- Utilization of the calcium of vegetables by two children. Willie M. Johnson. 1930. (Master's thesis, Iowa State College)
- Utilization of irradiated normal adult subjects of the calcium and phosphorus in raw milk and in ice cream. Isabelle Gillum. 1929. 28 p. (Master's thesis, Kansas State College)
- The Utilization by human subjects of the nitrogen, calcium and phosphorus of the navy bean (Phaseolus vulgaria) with and without a supplement of cystine. Martha S. Pittman. 1930. (Doctor's thesis, University of Chicago)
- Utilization by normal adult subjects of the calcium and phosphorus in raw milk and in ice cream. Myra T. Potter. 1930. (Master's thesis, Kansas State College)
- The utilization of phosphorus of vegetables by two children. Hattie C. Lundgren. 1930. 24 p. (Master's thesis, Iowa State College)

MINERAL LOSSES IN COOKING - See VEGETABLES

#### NITROGEN

The components concerned in the cyclic variations in the level of total non-protein nitrogen in the blood of normal women. Statie E. Erikson. 1930. (Doctor's thesis, University of California)

See also PROTEIN

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OATS - See CEREALS

#### ORANGE

- A comparison of the growth-promoting qualities of orange juice with other fruit and vegetable juices used in infant feeding. Eva M. Davis. 1925. 119 p. (Master's thesis, University of Missouri)
- The effect of cod liver oil and orange juice on the gastric acidity of dogs made anemic by hemorrhage. Gladys M. Boehm. 1929.

  38 p. (Master's thesis, Kansas State College)
- The effect of cod liver oil and orange juice on the regeneration of blood in dogs recovering from hemorrhagic anemia. Lila M.Canavan. 1929. 38 p. (Master's thesis, Kansas State College)
- The effect of orange juice on the metabolism of two growing children:

  I. Calcium, phosphorus, magnesium, and nitrogen metabolism.

  II. Urinary organic acids, ammonia and hydrogen ion concentration. Margaret S. Chaney. 1925. (Doctor's thesis, University of Chicago)

PARATHYROID EXTRACT - See VITAMINS

PHOSPHORUS - See MINERALS

#### PROTEIN

- Basal metabolism, protein intake, and nitrogen excretion of college women. Marie H. Killinger. 1929. 75 p. (Master's thesis, University of Illinois)
- Calorie and protein intake of superior pre-school children determined by the aid of the oxycalorimeter. Ruth Blair. 1929. (Master's thesis, University of Chicago)
- Comparative value of different food proteins as a source of protein for lactation and growth in the albino rat. Helen Mulhern. 1931. (Master's thesis, University of Washington)
- The effect of body build on the specific dynamic action of protein in dogs. Rebekah M. Gibbons. 1929. (Doctor's thesis, University of Chicago)
- The effect of high protein diets on the excretion of creatin by normal women. Ruth E. Tucker. 1925. (University of Illinois)
- The effect of lactation upon the concentration of blood sugars in several species of animals fed diets containing various levels of protein. Elizabeth Crase. 1929. (Master's thesis, University of Wisconsin)

# PROTEIN (Continued)

- The effect of orange juice on the metabolism of two growing children:

  I. Calcium, phosphorus, magnesium, and nitrogen metabolism.

  II. Urinary organic acids, ammonia, and hydrogen ion concentration. Margaret S. Chaney, 1925. (Doctor's thesis, University of Chicago)
- The effect of the source of vitamin B upon the utilization of protein in the growth of rats. Virginia C. Snoddy. 1925. (Master's thesis, University of California)
- Influence of high protein diet, including lettuce, on the blood of anemic college women. Margaret M. Thompson. 1929. (Master's thesis, Iowa State College)
- Nitrogen and mineral metabolism in infants having diarrhea. Beula Becker. 1928. 35 p. (Master's thesis, University of Iowa)
- Nitrogen partition during menstruation in normal women. Juanita Kenefick. 1929. 20 p. (Master's thesis, University of Iowa)
- Protein and CHo metabolism in children with skeletal tuberculosis.
  1926. Mary E. Whittaker. 54 p. (Master's thesis, University of Iowa)
- The protein and non-protein nitrogen content of blood under normal conditions and during blood regeneration. Sparke M. Furnas. 1930. 69 p. (Master's thesis, University of Minnesota.)
- A study of the effect of cooking on the digestibility of whole egg protein. Roberta A. Hershey. 1929. 36 p. (Master's thesis, Michigan State College)
- A study of monthly variations in the nitrogen metabolism of women on constant diets at various levels of nitrogen intake. Thelma P. Levin. 1924. 37 p. (Master's thesis, University of California)
- A study of the protein requirements of normal four year old children.

  Margaret J. Nunn. 1931. 42 p. (Master's thesis, Michigan
  State College)

#### PRUMES

The relation of certain varieties of prunes and plums to the urinary acidity, together with some observations upon the alkaline tide. Dorothea F. Turner. 1931. (Master's thesis, University of Wisconsin)

#### PURINS

The effect of vegetable purins on the blood in gout. Bessie I. Wallace. 1924. 30 p. (Master's thesis, State University of Iowa)

#### REPRODUCTION

The effect of certain mineral elements on reproduction in the rat. Frances S. Holton. 1926. (Master's thesis, University of California)

See also LACTATION

#### RICKETS

The effect of rickets-producing diets upon the blood constituents of dogs. Evra A. Garrison. 1930. (Master's thesis, University of California)

A historical and experimental study of rickets. Harriet Morgan. 1928. 46 p. (Master's thesis, Utah State Agricultural College)

#### SCHOOL LUNCH

The hot lunch in rural schools. Mildred Holmberg. 1930. 77 p. (Master's thesis, University of Kansas)

The present status of school lunches as shown by studies in representative schools. Marguerite M. Scott. 1930. (Master's thesis, University of Chicago)

A study of the adequacy of the lunches selected by junior high school students. Clara M. Green. 1931. 47 p. (Master's thesis, Michigan State College)

A study of the adequacy of the noon lunch in the rural schools of two counties in Michigan. Ruth E. Preston. 1931. 35 p. (Master's thesis, Michigan State College)

See also EDUCATION, EFFECT OF

#### SPINACH

Urinary excretion of weak organic and oxalic acids after the ingestion of spinach. Kathleen S. Still. 1925. (Master's thesis, University of Chicago)

# TEA - See COFFEE

#### TEETH

The amount and composition of ash of teeth of rats as influenced by diet. Anna D. Ernsting. 1927. (Master's thesis, University of California)

#### TUBERCULOSIS

Nutrition requirements in skeletal tuberculosis. Florence W. Unash. 1925. 35 p. (Master's thesis, University of Iowa)

Protein and CHo metabolism in children with skeletal tuberculosis.

Mary E. Whittaker. 1926. 54 p. (Master's thesis, University of Iowa)

#### VEGETABLES

Growth experiments on diets supplemented with cooked and raw vegetables. R. B. Neil. 1927. (Master's thesis, Iowa State College)

Hydrogen ion concentration studies of vegetables. Eva M. McMillan. 1929. (Master's thesis, University of Chicago)

See also-MINERALS

#### WEIGHT

Diet and exercise in relation to body weight. Maude Williams. 1926. (University of Illinois)

See also LETTUCE, METABOLISM, MILK

#### YEAST

The effect of autoclaved and irradiated yeast on lactation in the rat. Dorothy Husseman. 1929. (Master's thesis, University of Illinois)

#### VITAMIN STUDIES

#### APPLES

- The antineuritic vitamin content of two varieties of apples, Baldwins and Northern Spies. Annabel L. Merrill. 1930. 42 p. (Master's thesis, Cornell University)
- The antipellagric vitamin content of two varieties of apples, Baldwins and Northern Spies. Lydia F. Humphreys. 1930. 29 p. (Master's thesis, Cornell University)
- The content of vitamin C in Missouri Jonathan Apples, fresh and stored.
  Ruth Anderson. 1929. 77 p. (Master's thesis, University of
  Missouri)
- Further investigations of the vitamin C content of two varieties of apples, Baldwins and Northern Spies. Alberta Dent. 1927. 72 p. (Master's thesis. Cornell University)
- The relative amount of vitamin A in the Missouri Jonathan apple.

  Esther Eisenbarth. 1929. 69 p. (Master's thesis, University of Missouri)
- Vitamin B content of two varieties of apples, Baldwins and Northern Spy. Alice L. Hull. 1926. 27 p. (Master's thesis, Cornell University)
- The vitamin C content of apples and spinach. Georgya S. Craig. 1928.
  129 p. (Master's thesis, University of Missouri.)
- Vitamin C content of two varieties of apples, Baldwins and Northern Spy. Florence L. Becker. 1926. 13 p. (Master's thesis, Cornell University)

# APRI COTS

A comparison of apricots and their carotene equivalents as sources of vitamin A. Evelyn O. Madsen. 1931. 60 p. (Master's thesis, University of California)

#### BUTTER

The vitamin A content of winter butters manufactured in various sections of Iowa. Alma Scheidemann. 1931. 85 p. (Master's thesis, Iowa State College)

#### CAMNING

- The effect of canning on the vitamin B content of spinach. Mrs. Ada C. Petty. 1927. 78 p. (Master's thesis, University of Missouri)
- The effect of various canning processes upon the vitamin C content of certain fruits and vegetables. Anna L. McFarlin. 1926. (Master's thesis, University of California)

### VITAMIN STUDIES - Continued

# CAROTENE - See APRICOTS

#### CARROTS

The relation of the cooking process to the vitamin A content of cooked carrots. Valeska J. O'Keefe. 1929. 62 p. (Master's thesis, University of Washington)

A study of the amount of the antiscorbutic factor in raw and cooked carrot. Phyllis A. Robertson. 1926. (Master's thesis, Columbia University)

#### CHERRIES

The vitamin C content of canned peaches and cherries. Gladys
Hartley. 1927. 34 p. (Master's thesis, Kansas State College)

Kitamin A studies on cherries. Melva Bakkie. 1927. 26 p. (Master's thesis, Kansas State College)

#### CHINESE FOODS

Vitamin value of Chinese foodstuff. Mrs. Wen Chao Loh. 1929.
(Master's thesis, Columbia University)

# COOKING-See CARROTS

#### CORN

The occurrence of fat soluble vitamins in the maize kernel. 1927.
90 p. (Master's thesis, University of Illinois)

The vitamin A content of some corn milling products. Clara M. Rocke. 1928. 52 p. (Master's thesis, University of Illinois)

The vitamin A content of white and yellow canned corn together with certain facts regarding the assay. Louis S. Stine. 1931.

(Master's thesis, University of Wisconsin)

# DATES

A qualitative measurement of the vitamin A and B content of certain Arizona dates. Lucy H. Axline. 1928. (Master's thesis, University of Arizona)

# FLOUR

The antirachitic activation in flour. Laura Faville. 1928. (Master's thesis, University of Wisconsin)

# GRAPE JUICE

The vitamin B content of grape juice. Louise Buchanan. 1927.

(Master's thesis, Iowa State College)

#### MILK

The vitamin C content of cane silage and its influence on the vitamin C content of milk. Hazel Sweet. 1927. 37 p. (Master's thesis, Kansas State College)

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#### VITAMIN STUDIES - Continued

#### MUNG BEAN

The synthesis of vitamin A in the Mung bean. Margaret M. Seamens. 1925. (Master's thesis, Pennsylvania State College)

# PARATHYROID EXTRACT. - See VITAMIN D

#### PEACHES

The vitamin C content of canned peaches and cherries. Gladys Hartley. 1927. 34 p. (Kansas State College)

#### PEARS

Study of the vitamin G content of Oregon Bosc pears. Ruth Douglass. 1931. 60 p. (Master's thesis, Oregon State College)

A study of the vitamin B (B<sub>1</sub>) content of Oregon Bosc pears. Mae L.

Halloway. 1931. 51 p. (Master's thesis, Oregon State College)

#### PINEAPPLE

The vitamin B content of canned pineapple juice with special reference to methods of determination. Anna E. Williams. 1931. (Master's thesis, University of Illinois)

### POTATO

The plural nature of vitamin B in the potato. Lydia Tarrant. 1929.
27 p. (Master's thesis, Oregon State Agricultural College)

#### SPINACH

The effect of canning on the vitamin B content of spinach. Mrs. Ada C. Petty. 1927. 78 p. (Master's thesis, University of Missouri)

Quantitative determination of vitamin B in spinach and string beans with a preliminary report on the vitamin A content of the same foods. Charlotte E. Rogers. 1928. 40 p. (Doctor's thesis, University of Missouri)

The vitamin C content of apples and spinach. Georgya A. Craig. 1928. 129 p. (Master's thesis, University of Missouri)

# STRING BEANS

Quantitative determination of vitamin B in spinach and string beans, with a prelimary report on the vitamin A content of the same foods. Charlotte E. Rogers. 1928. 40 p. (Doctor's thesis, University of Missouri)

#### TEA

Green gunpowder tea as a source of vitamin C. Mrs. Estella Albright Rockley. 1930. 28 p. (Master's thesis, University of Oklahoma)

Is green Japanese tea a source of vitamin C? Kate C. Andrews.

1929. 52 p. (Master's thesis, Colorado State Teachers College)

#### VITAMIN -STUDIES - Continued

#### VITAMIN A

- The effect of direct sunlight on the storage of vitamins A and D in the livers of hogs. Charlotte B. Barney. 1929. 62 p. (Master's thesis, University of Nebraska)
- The relation of fat to the utilization of vitamin A in the body. Rhea Gibson. 1931. 32 p. (Master's thesis, Kansas State College)
- The relation of vitamin A and the anti-rachitic vitamin content of the diet to tooth injury in rats during pregnancy and lactation. Catherine S. Stacy. 1925. 45 p. (Master's thesis, University of California)
- Some observations concerning methods applicable to the study of vitamin A. Dorothy Linn. 1926. (Master's thesis, University of Wisconsin)
- Some quantitative studies on the fat-soluble vitamins: The calcium content of rats on a diet lacking in the fat-soluble vitamins. Vivian V. Drenckhahn. 1927. 20 p. (Master's thesis, Cornell University)
- The vitamin A absorption and retention of breast fed infants. Esther B. Simon. 1931. 28 p. (Master's thesis, University of Washington)
- VITALIN A IN FOODS See APPLES, APRICOTS, BUTTER, CARROTS, CHERRIES, CHINESE FOODS, CORN, DATES, MUNG BEANS, SPINACH, STRING BEANS

#### Vitamin B

- The effect of temperature on vitamin B. Mrs. Mabel Hudson Hunt. 1929. 60 p. (Master's thesis, University of Arkansas)
- The effect of the source of vitamin B upon the utilization of protein in the growth of rats. Virginia C. Snoddy. 1925. 65 p. (Master's thesis, University of California)
- Experiments on vitamin B content of certain cereal products. Mary Dey. 1926. 40 p. (Master's thesis, Kansas State College)
- A quantitative study of various methods of administering vitamin B. Loraine McN. Van Wagenen. 1928. 34 p. (Master's thesis, Cornell University)
- The role of vitamin B fractions in lactation in the rat. Dorothy Douglass. 1928. 55 p. (Master's thesis, University of California)

#### VITAMIN STUDIES - Continued

# VITAMIN B (Continued)

- Studies in the vitamin B complex. Bernice Enger. 1931. 20 p. (Master's thesis, University of Washington)
- Vitamin B in human mutrition: the effect on body weight and appetite. Anna T. Schiefelbusch. 1931. 37 p. (Master's thesis, Oklahoma A & M College)
- Vitamin B in human nutrition: utilization of food as affected by increased vitamin B intake. Gladys Harshall. 1931. 22 p. (Master's thesis, Oklahoma A & M College)
- VITAMIN B IN FOODS See APPLES, DATES, GRAPES, PEARS, PINEAPPLE, POTATO, SPINACH, STRING BEANS

#### VITAMIN C

- The effect of various canning processes upon the vitamin C content of certain fruits and vegetables. Anna L. McFarlin. 1926. 51 p. (Master's thesis, University of California)
- VITAMIN C IN FOODS See APPLES, CARROTS, CHERRIES, MILK, PEACHES, TEA

#### VITAMIN D

A Commence of the Commence of

- The effect of direct sunlight on the storage of vitamins A and D in the livers of hogs. Charlotte B. Barney. 1929. 62 p. (Master's thesis, University of Nebraska)
- The effect of vitamin D upon the calcium and phosphorus metabolism of dogs on diets of varying reactions. Helen F. Householder. 1929. 73 p. (Master's thesis, University of California)
- The effect of the injection of the extract of the parathyroid gland on the total P and lipoid P in the blood and liver of dogs with and without vitamin D. Marion J. Hunt. 1930. 22 p. (Master's thesis, University of California)
- The relation of vitamin A and the anti-rachitic vitamin content of the diet to tooth injury in rats during pregnancy and lactation. Catherine S. Stacy. 1925. (Master's thesis, University of California)
- The response to parathyroid extract in normal and rachitic rats.

  Jean G. Field. 1931. 90 p. (Master's thesis, University of California)

# VITAMIN STUDIES - Continued

# VITAMIN D (Continued)

Some quantitative studies on the fat-soluble vitamins: the calcium content of rats on a diet lacking in the fat soluble vitamins. Vivian V. Drenckhahn. 1927. 20 p. (Master's thesis, Cornell University)

Vitamin D. in relation to malnutrition. Eleanor Whittinghill. 1926. (Master's thesis, University of Wisconsin)

VITAMIN D IN FOODS - See FLOUR

#### VITAMIN E

Vitamin E a factor in the causation of mutritional anemia. Laura M. Connell. 1927. 24 p. (Master's thesis, University of Washington)

VITAMIN G IN FOODS - See APPLES, PEARS

#### VITAMINS - GENERAL

The vitamins - a review of literature and a popular interpretation for the layman. Mabel Larson. 1928. (Master's thesis, University of Wisconsin)

# TEXTILES AND CLOTHING

# HOUSEHOLD AND CLOTHING TEXTILES

BEMBERG - See RAYON

BLEACHING - See COTTON, LINEN

CELANESE - See RAYON, LAUNDERING

# CLASSIFICATION

A system of textile classification. Mertie Willigar. 1930. 166 p. (Master's thesis, University of Washington)

#### COMPOSITION

The sense of touch: its importance in detecting difference in composition of textile materials. F.A. Wilson. 1929. 70 p. (Master's thesis, University of Southern California)

See also DESIGN

#### COTTON

- Absorption of water by cotton toweling. Margaret Lindsay. 1925. (Master's thesis, University of Chicago)
- Changes in cotton and linen fabrics subjected to varying concentrations of hydrochloric acid. Ida M. Didier. 1930. (Master's thesis, University of Chicago)
- The effect of distilled water and oxalic acid on cotton cloth.

  Adella I. Eppel. 1925. 84 p. (Master's thesis, University of Minnesota.)
- The effect of home dyes on certain cellulose fibers. Mary G. Paris. 1930. 80 p. (Master's thesis, George Peabody College for Teachers)
- An experimental study of the effects of water and of oxalic acid on unbleached cotton cloth. Adelaide V. Laurie. 1928. 97 p. (Master's thesis, University of Minnesota)
- Mildew on bleached and unbleached cotton and linen. Mildred Downing. 1929. 30 p. (Master's thesis, Iowa State College)
- The relation between the tensile strength and resistance to abrasion of characteristic cotton fabrics. Dee Maier. 1931. (Master's thesis, University of Chicago)

# COTTON (Continued)

- The relations among some variable factors in certain cotton fabrics.
  Ruth D. Noer. 1925. 58 p. (Master's thesis, University of
  Minnesota)
- A study of comparative tests of guaranteed fast color cotton fabrics. Edna L. Lyster. 1927. 51 p. (Master's thesis, George Peabody College for Teachers)

See also LAUNDERING

#### DESIGN

- American Indian designs in modern fabrics. Stella Bartlett. 1930. (Master's thesis, University of Chicago)
- Analysis of Peruvian weaves: their inspiration to the teacher of textiles. Agnes M. Nelson. 1925. (Master's thesis, University of California)
- Common floral motives in Chinese textiles. Helen G. Wilmot. 1927. (Master's thesis, University of Chicago)
- The composition, weaving technique, and decoration of textile fabrics of the primitive peoples of the Philippine Islands. Alice M. Reid. 1931. 55 p. (Master's thesis, University of Washington)
- Design, structural and decorative, with color distribution characteristic of ancient Peruvian fabrics. Lila O'Neale. 1927. (Master's thesis, University of California)
- The development of animal and bird forms in textile fabrics from the ancient Egyptian period to the renaissance. Agnes E. Hutchison. 1926. (Master's thesis, University of Chicago)
- Historic lace types: their identification by characteristic structural design. Martha Thomas. 1928. (Master's thesis, University of California)
- A study of ancient Egyptian textiles. Gladys S. Buchholz. 1930. (Master's thesis, University of California)
- Symbolism Its application to textile design. Allegra McGreal.
  1929. 70 p. (Master's thesis, Oregon State Agricultural College)

#### DRY CLEANING

The value of certain dry cleaning agents on silk, wool, and mixed goods. Eunice Jenkins. 1928. 42 p. (Master's thesis, George Peabody College for Teachers)

#### DYES - See COTTON, SILK, RAYON

#### FASHIONS

Fashions in fabrics. Margaret Avery. 1929. (Master's thesis, Columbia University)

FUR

Study of fur with reference to use in clothing. Blanche W. Stevens. 1929. 137 p. (Master's thesis, Oregon State Agricultural College)

#### HISTORICAL

The history of the textile industry in Tennessee. Mary R. Gresham. 1930. 91 p. (Master's thesis, George Peabody College for Teachers)

# HOSIERY .

A comparison of silk hosiery sold through five sources of retail distribution. Edith Rhyne. 1926. .27 p. (Master's thesis, University of Washington)

See also LAUNDERING

#### LACE - See DESIGN

# LAUNDERING

- The effect of certain washing powders upon the tensile strength of cotton and linen fibers. Eve E. Turnbull. 1924. (Master's thesis, University of Chicago)
- The effect of home laundering on certain Celanese fabrics. Annie W. Kemp. 1929. 49 p. (Master's thesis, George Peabody College for Teachers)
- The effect of home and commercial laundering upon the wearing quality of white cotton fabrics. Esther M. Morris. 1929. 108 p. (Master's thesis, University of Missouri)
- The effect of home and commercial laundering upon the wearing qualities of ginghams and similar fabrics, and the reliability of the consumers' judgment in the selection of these fabrics. Cleora E. Johnson. 1928. 95 p. (Master's thesis, University of Missouri)
- The effect of laundry reagents on linen and cotton fabrics. Anna C. Price. 1930. (Master's thesis, University of Chicago)
- The effects of laundry soap on silk hosiery. Liccie M. Payne. 1928. 43 p. (Master's thesis, George Peabody College for Teachers)

ATTACK TO THE STATE OF

A study of the fastness of color of cotton fabrics guaranteed fast to laundry and light. Margaret Kirkpatrick. 1927. 57 p. (Master's thesis, University of Missouri)

See also THE HOUSE

#### LINEN

- Changes in cotton and linen fabrics subjected to varying concentrations of hydrochloric acid. Ida M. Didier. 1930.

  (Master's thesis, University of Chicago)
- The comparative wearing qualities of bleached and unbleached linen toweling of twill and plain weave. Cecelia F. Abry. 1926. 75 p. (Iowa State College)
- Mildew on bleached and unbleached cotton and linen. Mildred Downing. 1929. 39 p. (Master's thesis, Iowa State College)

# MILDEW - See COTTON

#### PADDING

A comparison of sheet wadding with certain other paddings for ironing boards. Emily Wilson. 1930. 38 p. (Master's thesis, Kansas State College)

#### PROTECTION

- Coefficient of protection afforded the skin against sunburn by textile fibers. Katharine P. Hoss. 1926. 43 p. (Master's thesis, Kansas State College)
- The protective value of certain clothing fabrics. Florence R. Clarke. 1925. 37 p. (Master's thesis, Kansas State College)

#### PURCHASING PROBLEMS

Standardized practice for the purchase of institutional textile supplies. Virginia Olcott. 1931. 47 p. (Master's thesis, University of Washington)

#### RAYON

- A comparison of the cellulose acetate type of rayon with other types of rayon. Florence A. Johnson. 1926. 30 p. (Master's thesis, University of Washington)
- The effect of home dyes on certain cellulose fibers. Mary G.
  Paris. 1930. 80 p. (Master's thesis, George Peabody College for Teachers)
- The influence of the electrostatic properties of acetate and viscose rayon in underwear. Elsa T. Kraemer. 1926. (Master's thesis, Ohio State University)
- Rayon: a flower of the sciences. Helen M. McClary. 1930. (Master's thesis, Colorado State Teachers College)
- Rayon the new textile fiber. Jessie C. Bourne. 1925. 111 p. (Master's thesis, George Peabody College for Teachers)
- The relative advantage of silk and rayon fabrics when used for knitted underwear. Mary L. Gordy. 1927. (Master's thesis, University of Chicago)

# RAYON (Continued)

Study of certain Bemberg curtain fabrics. Sara B. Moody. 1930.
40 p. (Master's thesis, George Peabody College for Teachers)

# SHEETS

Analytical study of nine brands of sheets. Ethel M. Miller. 1929. (Master's thesis, University of Chicago)

Comparative analysis of nine brands of sheets. Charlotte E. Carpenter. 1928. (Master's thesis, University of Chicago)

#### SHRINKAGE

A method of determining shrinkage in wash fabrics. Florence E. Becker. 1931. 92 p. (Master's thesis, University of Washington)

#### SILK

Chemical and physical tests of silks suitable for office dresses for professional women. Mrs. Ada Hermann. 1926. 60 p. (Master's thesis, Iowa State College)

The effect of exposure to light upon the breaking and bursting strength of some branded silk fabrics. Bertha M. Baker. 1930. 42 p. (Master's thesis, Ohio State University)

The effect of ultra-violet light upon the breaking strength of weighted and unweighted silk fabrics. Dorothy Saville. 1931. 30 p. (Master's thesis, Kansas State College)

A microscopical method for the study of silk yarns. Corinne Statler. 1930. (Master's thesis, University of Chicago)

Physical tests determining the wearing quality of silk fabrics.

(A continuation of Mrs. Hermann's thesis). Manetta J.

Heidman. 1927. 55 p. (Master's thesis, Iowa State College)

The relative advantages of silk and rayon fabrics when used for knitted underwear. Mary L. Gordy. 1927. (Master's thesis, University of Chicago)

The relative value of household dyes for washable silk. Kathleen
Brown. 1928. 43 p. (Master's thesis, George Peabody College
for Teachers)

See also DRY CLEANING

SOAP - See LAUNDERING

#### STAINS

Removal of cod liver oil from fabrics. Lettie L. Cooper. 1931. (Master's thesis, University of Chicago)

The removal of ink stains from fabrics. Bertha G. Oxner. 1926. (Master's thesis, University of Chicago)

TOWELING - See COTTON, LINEN

ULTRAVIOLET LIGHT - See SILK

UNDERWEAR - See RAYON, SILK

#### WOOL

- A comparative study of some properties of a group of woolen fabrics. Eunice P. Thompson. 1928. 65 p. (Master's thesis, University of Minnesota)
- A comparative study of some properties of a group of worsted fabrics.

  Montelle Dietrich. 1928. 88 p. (Master's thesis, University
  of Minnesota)
- The extent of deterioration in woolens as caused by bacterial action.

  Esther Kudobe. 1927. 48 p. (Master's thesis, Iowa State College)
- The history, evolution, and use of woolen fabrics. Florence R. Whipple. 1930. 236 p. (Master's thesis, Kansas State College)
- The relation between the sulfur content and the tensile strength of wool yarn. Hildure E. Anderson. 1925. 62 p. (Master's thesis, University of Minnesota)

See also DRY CLEANING

# TEXTILE AND CLOTHING ECONOMICS

# ADVERTISING

- Some accomplishments of truth-in-advertising agencies in the field of clothing and textiles. Lillian M. Imrie. 1929. 38 p. (Master's thesis, University of Washington)
- Trends in types of hosiery advertising. Ruth M. Holmes. 1929. (Master's thesis, University of Chicago)

#### CLOTHING SELECTION

- Buying women's garments by mail. Edna M. Callahan. 1926. (Master's thesis, University of Chicago)
- Factors which influence selection and purchase of clothing in certain wage-earning families in Detroit. Mabel Swanson. 1928. 53 p. (Master's thesis, Kansas State College)
- Motives for choice in purchasing clothing. Frances Seeds. 1927.
  168 p. (Master's thesis, Iowa State College)

# TEXTILE AND CLOTHING ECONOMICS - Continued

# CLOTHING SELECTION (Continued)

- A study of certain factors that influence the clothing purchases of college seniors. Ida Anderson. 1930. 100 p. (Master's thesis, Kansas State College)
- A study of the clothing habits of the Leon County High School girls as they relate to the economics of clothing consumption.

  Marguerite K. Holley. 1929. 99 p. (Master's thesis, Florida State College for Women)
- A suggested organization of a clothing project based upon the needs and interests of a selected group of Farm Bureau women. Alice E. McLean. 1930. 106 p. (Master's thesis, Kansas State College)
- Variations in demand for clothing at different income levels a study in the behavior of the consumer. May L. Cowles. 1929.
  (Doctor's thesis, University of Chicago)

#### COST

- A clothing budget study. Marie A. Juaire. 1924. 123 p. (Master's thesis, Iowa State College)
- Clothing expenditures on the farm. Nannie C. Ross. 1924. 62 p. (Master's thesis. Kansas State College)
- A comparative study of clothing expenditures of continuation school, high school, and college girls in home economics classes.

  Georgene G. Linn. 1928. (Master's thesis, Ohio State University)
- The effect of the tariff on certain textile fabrics. Mamie Grimes. 1927. 32 p. (Master's thesis, Kansas State College)
- Minimum clothing costs for four Kansas State institutions. Elizabeth Cox. 1927. 41 p. (Master's thesis, Kansas State College)
- A study of the clothing costs of college girls of Missouri.

  Elizabeth Lyons. 1928. 117 p. (Master's thesis, University of Missouri)
- A study of clothing expenditures of faculty families. Olena McCain. 1930. (Master's thesis, Purdue University)
- A survey of the expenditures of women students at the Oklahoma Agricultural and Mechanical College in 1927 with special reference to clothing costs. Lilly H. Spencer. 1928. 80 p. (Master's thesis, Oklahoma A & M College)

# COTTON

Some economic developments in the history of cotton as a fashion material. Mary Guthric. 1930. 89 p. (Master's thesis, University of Nebraska)

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TEXTILE AND CLOTHING ECONOMICS - Continued

#### EDUCATION

A plan for measuring the effect of consumer education in the purchase of a certified household fabric. Elizabeth A. Fee. 1931. 63 p. (Master's thesis, Kansas State College)

FUR

The fur industry of the United States. Ella S. Hathaway. 1927. (Master's thesis, University of Chicago)

#### PATTERNS

The development of the Butterick Pattern industry. Lucy A. Embrey. 1929. 34 p. (Master's thesis, George Peabody College for Teachers)

#### STANDARDIZATION

Standardization and simplicication in the textile industry. Julia M. Frank. 1929. (Master's thesis, University of Wisconsin)

A study in standardization of textile fabrics. Mary C. Hughes. 1927. (Master's thesis, Pennsylvania State College)

#### MOOL

Certain economic and sociological factors in the consumption of wool as a fashion fabric during the period 1914 to 1931. Florence Young. 1931. 125 p. (Master's thesis, University of Nebraska)

Cooperative wool marketing in the United States. Mary L.
Stevenson. 1926. (Master's thesis, University of Chicago)

# COSTUME DESIGN

#### CHILDREN'S CLOTHING

Children's clothing in relation to health. Faye P. Nitcher. 1925. 60 p. (Master's thesis, Kansas State College)

A study of clothing of children ages from one to six. Bessie L. Alford. 1931. (Master's thesis, University of Chicago)

A study of the structural design of the clothing of pre-school children in relation to self care. Iva I. Sell. 1927. 70 p. (Master's thesis, University of Minnesota)

See also PHYSIOLOGY

# COSTUME DESIGN - Continued

# COLOR

- The science of color applied to clothing selection. Beulan Shockey. 1929. 65 p. (Master's thesis, Kansas State College)
- A study of the appreciation of color as applied to costume. Grace
  E. Dexter. 1925. (Master's thesis, University of Chicago)
  - A study of becoming colors. Lulu Gillum. 1924. 117 p. (Master's thesis, University of Missouri)

#### HISTORICAL

- American "first ladies" their personalities, their dress, their influence. Marion Oliver. 1928. (Master's thesis, University of Wisconsin)
- The character, influence and dress of the twentieth-century "first ladies". Marion Forest. 1929. (Master's thesis, University of Wisconsin)
- A comparative study of costume to environments (Louis XIV period).

  Sister Adolphus Maloney. 1926. 89 p. (Master's thesis,

  Kansas State College)
- A comparative study of historic costume in France, England, and
  America from 1620 to present. G. Alice Miller. 1926.
  (Master's thesis, Ohio State University)
- Costume silhouettes of the ages with factor influencing them.
  Mildred Briggs. 1925. 125 p. (Master's thesis, Iowa State College)
- The origin of the modes. Nelle D. Flinn. 1924. 42 p. (Master's thesis, Kansas State College)
- A study of Aegean costume in the pre-Hellenic era. Janet K. Smith. 1930. (Master's thesis, University of Chicago)
- A study of certain trends in American costumes and home furnishings during the nineteenth century. Lita M. Paine. 1931. 165 p. (Master's thesis, Kansas State College)
- A study of the decoration of costumes in the sixteenth and seventeenth centuries. Nancy K. Brodnax. 1928. 57 p. (Master's thesis: University of Washington)
- A study of the fourteenth century costume in England. Mary A. Davis. 1924. 33 p. (Master's thesis, University of Washington)

# COSTUME DESIGN - Continued

# HISTORICAL (Continued).

- A study of hair dress and head coverings in ancient Egypt, Greece and Rome, and in Western Europe to the close of the eighteenth century. Valliere G. Decker. 1929. 138 p. (Master's thesis, University of Washington)
- A study of Roumanian costume. Fisher T. Ayer. 1929. 207 p. (Master's thesis, University of Washington)
- A study of Slavic peasant costume. Fannie Potgieter. 1929. 124 p. (Master's thesis, University of Washington)
- Woman's dress an important factor in a portrait painter's art with special reference to certain noted paintings of the 19th and 20th centuries. Bess Hodges. 1923. (Master's thesis, University of Wisconsin)
- Women's twentieth century costume as reflected through certain social and economic changes of the period. Ida Ladiges. 1931. (Master's thesis, University of Nebraska)

# INFANT'S CLOTHING

- Clothing for the infant. Mary A. Worcester. 1924. 36 p. (Master's thesis, Kansas State College)
- Homemade and readymade garments for infants. Anna B. T. Williams. 1928. 130 p. (Master's thesis, University of Missouri)

# MILLINERY

Changes in millinery fashion. Medora M. Ward. 1929. (Master's thesis, Columbia University)

#### PHYSIOLOGY

- The effect of scanty clothing upon basal metabolism of young women.

  Mary A. Lawrence. 1924. 77 p. (Master's thesis, University
  of Missouri)
- The influence of clothing on basal metabolism. Helen Cobb. 1929. 45 p. (Master's thesis, Kansas State College)
- A study of authoritative material on the relation of clothing to the control of body temperature and the promotion of normal development. Mina A. Morris. 1928. 77 p. (Master's thesis, University of Nebraska)
- A study of the clothing weights and physical activity together with the possible correlation of these in a Merrill-Palmer Nursery School. Rena Campbell. 1929. 100 p. (Master's thesis, University of Maine)

# See also CHILDREN'S CLOTHING

# COSTUME DESIGN - Continued

#### PSYCHOLOGY

Dress in personal development. Blanche W. Rollinson. 1926. (Master's thesis, Columbia University)

#### SHOES

Shoes and their relation to women's activities. Lylian Arledge. 1927. 47 p. (Master's thesis, George Peabody College for Teachers)

#### STAGE

Stage costume of the past and its relation to modern play production. Gladys Merritt. 1924. (Master's thesis, University of California)

#### UNDERGARMENTS

Style cycles in women's undergarments. Annie I. Elliott. 1927. (Master's thesis, University of Chicago)

#### CLOTHING CONSTRUCTION

#### PATTERNS

- A comparative study of body measurements of a selected group of college women, with certain commercial patterns. Louise B. LaFleur. 1931. 27 p. (Master's thesis, Kansas State College)
- A comparative study of the body measurements of a selected group of women with those certain commercial patterns. Prudence M. Morgan. 1931. 54 p. (Master's thesis, Kansas State College)
- A comparative study of the sizes of commercial patterns. Caroline B. Little. 1928. 93 p. (Master's thesis, University of Minnesota)

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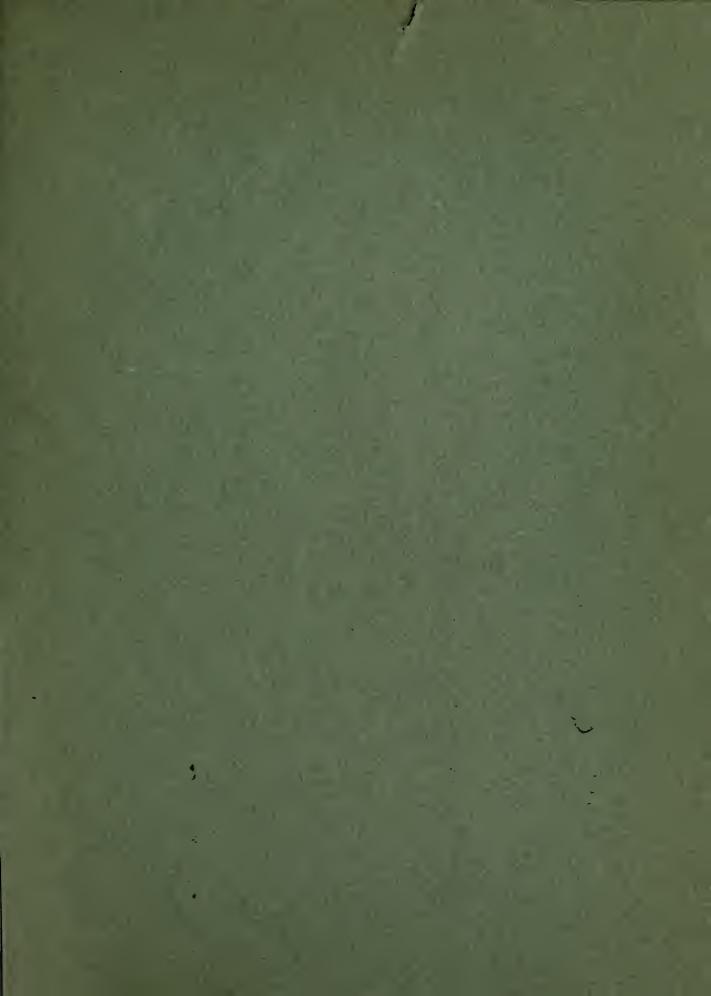
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## UNITED STATES DEPARTMENT OF AGRICULTURE BUREAU OF HOME ECONOMICS

TITLES OF UNPUBLISHED THESES IN THE FIELD OF HOME
ECONOMICS COMPLETED DURING THE YEARS 1931-1933

Compiled by

Hazel E. Munsell, Senior Nutrition Chemist and Edith Evers, Foods and Nutrition Division

> December 1933 Washington, D. C.



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#### PREFACE

In 1931 a compilation was made of the titles of unpublished theses in the field of Home Economics, exclusive of those on Purnell funds. This was prepared and published as a part of the program of work of the Research Committee of the American Home Economics Association. It was the intention of this committee that supplements be issued from time to time, giving titles of theses prepared subsequent to 1931. The compilation given here comprises the first of these supplements and covers the period from 1931 to June 1933.

### FAMILY RELATIONSHIPS

#### CHILD DEVELOPMENT

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#### BEHAVIOR

- Day-time sleep of nursery-school children. Wilma B. Beckman. 1932. (Master's thesis, University of Chicago)
- The measurement of activeness in preschool children with consideration of influencing factors. Helen E. Streit. 1932. (Master's thesis, University of Chicago)
- An objective behavior record for use in a nursery school. Mrs. Helen Fisher. 1933. (Master's thesis, Kansas State College)
- Self-reliance in nursery school children; its measurement and some related variables. Mary F. Bates. 1932. (Master's thesis, University of Chicago)
- Some factors affecting the response of pre-school children to authority.
  Thelma F. McClure. 1932. 48 p. (Master's thesis, Kansas State College)
- A study of the nursery school teachers' attempt to encourage constructive use of materials by the children. Maurine Lewis. 1933. (Master's thesis, Kansas State College)

#### EATING HABITS

- Certain factors affecting the efficiency of student direction of children's eating. Grace D. Brill. 1932. 117 p. (Master's thesis, Kansas State College)
- The effect of a monotonous diet on the eating habits of preschool children. Patricia L. Nordholm. 1932. 67 p. (Master's thesis, Michigan State College)
- Reactions of pre-school children to color and arrangement of food.

  Ruth Peters. 1930. (Master's thesis, Mills College, California)
- Types and effectiveness of nursery-school methods in securing application during the noon lunch. Camilla E. Stephens. 1932. (Master's thesis, University of Chicago)

Family Relationships - Continued -- 4

#### GENERAL

- A brief study of a sample of pre-school children in Oregon. Ada R. Mayne. 1931. 112 p. (Master's thesis, Oregon State College)
- A study of Chinese-American children. Jean E. Hawks. 1931. (Doctor's thesis, University of Chicago)

- A study of health records of infants and pre-school children in two Seattle nutrition clinics. Mable K. Leahy. 1931. (Master's thesis, University of Washington).
- A study of records for children in home management houses and nursery schools with particular application to Oregon State College.

  Jessie M. Irvine. 1932. 135 p. (Master's thesis, Oregon State College)

See also FOODS AND NUTRITION

#### FAMILY LIFE

- The married woman as a teacher of Home Economics. Mary F. Hoerner.
  1930. (Master's thesis, Columbia University)
- An outline for a unit in social and family relationships based on the problems of high school girls. Dorothy Howerton. 1932. 59 p. (Master's thesis, University of Idaho)
- Recreational camps for farm women in Tennessee. Geraldine G. Orrell. 1933. (Master's thesis, George Peabody College for Teachers)
- A survey of research in problems of the family and marriage. Wanda G. Swieda. 1932. (Master's thesis, Columbia University)

See also THE HOUSE

## FAMILY ECONOMICS

- An analysis of the work sheets of master farm home-makers in Kansas and a study of the relation between the cost of their household furnishings and equipment and the average net income. Kathryn E. Randle. 1932. 60 p. (Master's thesis, Kansas State College)
- Report of a community's facilities for making effective a live-at-home buy-at-home plan. Myrtic Keller. 1932. (Master's thesis, Columbia University)
- Report of teaching home finance. Mary W. Armstrong. 1932. (Master's thesis, Columbia University)
- A study of the buying habits of Missouri homemakers with reference to their information concerning and use of present day market devices in buying. Julia N. Amburgey. 1933. 114 p. (Master's thesis, University of Missouri)
- A study of incomes and expenditures of home economics graduates of Oregon State College. Evalyn A. Bentley. 1931. 50 p. (Master's thesis, Oregon State College)

See also THE HOUSE, FOODS AND NUTRITION, TEXTILES AND CLOTHING

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## THE HOUSE

#### FURNITURE

- Modern furniture. A study of the influences effecting its development.

  Mary K. Ashbrook. 1932. 36 p. (Master's thesis, Oklahoma Agricultural and Mechanical College)
- A possible adaptation of the furniture and furnishings of the third period early American to a typical modern home. Dorothy Houghland. 1933. (Master's thesis, State College of Washington)

#### HOME MANAGEMENT HOUSES

- An economic study in cost of building and furnishing a home suitable for use as a home management house at the University of Kentucky.

  Idah Munich. 1933. 73 p. (Master's thesis, University of Kentucky)
- The relation of the cost of furnishings and equipment in home management houses to the value of the house and lot, to the approximate income represented by the house and to the income of the State in which the house is located. Bonnie V. Goodman. 1932. 65 p. (Master's thesis, Kansas State College)
- A survey of home management houses and building plans for a proposed home management house. Margaret H. Faulconer. 1930. 48 p. (Master's thesis, University of Kentucky)

#### SOCIAL LIFE

A study of the relation of certain factors in family housing to the social life of the family. Jane W. Barnes. 1932. 68 p. (Master's thesis, Kansas State College)

#### STOVES

- A comparative study of baking effects produced by electric, gas, and coal rarge ovens on yeast rolls. Martha J. Haynes. 1932. 58 p. (Master's thesis, Montana State College)
- A study of the relation of construction to performance in table top electric stoves. Opal F. Osborne. 1932. 3.7 p. (Master's thesis, Kansas State College)
- A study of the distribution of heat in an oven "loaded" with a particular substance. Merna M. Monroe. 1932. 57 p. (Master's thesis, Kansas State College)
- A study of the efficiency and distribution of heat in a particular domestic oven when loaded with a particular substance. Dale Norris. 1933. (Master's thesis, Kansas State College)

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#### FOODS AND NUTRITION

#### DIETARY STUDIES

#### CHILDREN

- A critical study of the diets of pre-school children in their homes: Group 1 - Meals at the family table; Group II. Meals alone or at a separate table. Felisa Jenkins. 1932. (Master's thesis, Mills College, California)
- A dietetic analysis of the nursery school diets at the Utah State
  Agricultural College. Eleanora J. Tasso. 1933. 60 p. (Master's
  thesis, Utah State Agricultural College)
- The food intake of seven-year-old boys with special emphasis on caloric consumption and the daily variations in energy intake.

  Bernice P. Hoffer. 1932. (Master's thesis, University of Chicago)
- A study of dietaries used by pediatricians for healthy, normal children 24 36 months of age. Marie Lockry. 1933. (Master's thesis, Oregon State College)

#### COLLEGE STUDENTS

- A study of the dietaries of 19 fraternities in Auburn, Alabama.

  Lucile Burson. 1933. (Master's thesis, Alabama Polytechnic Institute)
- A study of the nutritive value of the food served to a group of college girls living in a residence hall. Maud G. Ryder. 1932. 36 p. (Master's thesis, Kansas State College)
- A study of the nutritive value and the cost of food consumed by certain organized groups of college students. Sophia M. Shirley. 1932. 53 p. (Master's thesis, Kansas State College)
- A study of the nutritive value and cost of food consumed by a group of college boys living in a fraternity house. Sina F. Fowler. 1933. (Master's thesis, Kansas State College)

#### FAMILY

- A dietary study of eleven fitter families of Kansas. Elizabeth Fairbank. 1932. 43 p. (Master's thesis, Kansas State College)
- A study of the dietaries of 100 families in Limestone County, Alabama, white families in rural and urban-rural communities. Bessie Barker. 1933. (Master's thesis, Alabama Polytechnic Institute)
- A study of the food consumption of the individual members of a family group. Laura E. McAdams. 1932. 48 p. (Master's thesis, Kansas State College)

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#### DIETARY STUDIES - Continued

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#### INSTITUTION

A study comparing methods used for determining the average intake of hospital patients. Bertha J. Biltz. 1932. (Master's thesis, University of Chicago)

#### OTHER RACES

An examination of South Indian diet with a view to determining the nutritional values. Pasupuleti G. Krishnayya. 1933. (Master's thesis, Columbia University)

#### FOOD ECONOMICS

#### FOOD BUDGETS

- Standard food budgets used by social agencies. Ada M. Moser. 1931. (Master's thesis, University of Chicago)
- A study of low cost food budgets administered by social service leagues. Jennie N. Nelson. 1933. 148 p. (Master's thesis, State University of Iowa)

#### PURCHASING AND MARKETING

- A study of citrus fruits on the Chicago auction. Katherine M. Hart. 1932. (Master's thesis, University of Chicago)
- A study of consumers' problems in the selection of certain foodstuffs.
  Olive G. Wyse. 1933. 135 p. (Master's thesis, State University of Iowa)
- A study of the grocery chain stores of Lansing Michigan, in relation to growth in number, growth in sales, and comparison of prices with those of independent grocery stores. Marguerite R. Bosworth. 1932. 78 p. (Master's thesis, Michigan State College)
- A study of the influence of temperature on the quality of sweet corn when held for marketing. Elsie Friebel. 1932. 104 p. (Master's thesis, Ohio State University)
- A study of the present method of labeling certain canned foods from the standpoint of the consumer-buyer. Helen E. Goetz. 1932. 129 p. (Master's thesis, Oregon State College)
- A study of the variation of qualities of a product marketed under a particular brand (canned peaches). Gwladys O. Leonard. 1933. 74 p. (Master's thesis, University of Missouri)

#### Carry and saying FOOD PREPARATION AND SERVICE

CAKE

- A comparison of the effect of a hydrogenated fat and summer butters churned from creams of varying acidity upon the volume, texture, and cating quality of plain cake. Jewel B. Graham. 1932. 75 p. (Master's thesis, Iowa State College)
- A study of some factors which affect the color and quality of chocolate cakes. Lucille A. Gramse. 1932. 42 p. (Master's thesis, Kansas State College)
- Technique of temperature determinations in the interior of cakes with observations of time temperature curves in butter cakes. Lillian Johnson. 1932. 52 p. (Master's thesis, University of Nebraska)

CANNING - See VEGETABLES

CELERY - See VEGETABLES

COPPEE

.The caffeine content of coffee brewed by three methods. Ruth M. Griswold. 1932. (Master's thesis, University of Chicago)

Caffeine and tannin content of different methods of coffee brewing. Brinda R. Kuykendall. 1932. 66 p. (Master's thesis, George Peabody College for Teachers)

CORN SUGAR - See JELLY

EGG

A study of the effects of milk and certain fats on the whipping quality of egg whites. Vianna R. Dizmang. 1933. 52 p. (Master's thesis, Purdue University)

See also GELATION

FAT - See CAKE, EGG

FLOUR

A study of the technique of testing flours for pastry making. Boulah M. Gordon. 1932. 35 p. (Master's thesis, University of Nebraska)

FUELS - Sec THE HOUSE

GELATION

The gelation of sols of egg proteins. Janice M. Smith. 1932. 49 p. (Master's thesis, University of Illinois)

A study of the effect of varying concentrations of sugar on starch gels. Gladys M. Nevenzel, 1931. (Master's thesis, University of California)

#### FOOD PREPARATION AND SERVICE - Continued

#### HISTORICAL

- Foods and food customs of Old Testament Hebrews. Clara E. Morris. 1932. 100 p. (Master's thesis, George Peabody College for Teachers)
- The history of table manners and customs and the influence upon manners and customs of South Louisiana. Mary S. Carey. 1933. 132 p. (Master's thesis, Louisiana State University)

#### ICE CREAM

- The effect on the quality of still-frozen ice cream of different kinds and combinations of sugars and different kinds and combinations of binders. Geneva Broadbent. 1933. 77 p. (Master's thesis, University of Kentucky)
- A study of some characteristics of homemade ice cream made from cream of varying butterfat content and frozen in the automatic refrigerator.
  Ruth M. Beard. 1933. 41 p. (Master's thesis, Ohio State University)

#### INSTITUTIONAL MANAGEMENT

- An analysis of the housing and operating conditions in sororities at Oregon State College. Estelle J. Calkins. 1930. 75 p. (Master's thesis, Oregon State College)
- The application of certain aspects of economic behavior to the field of institutional management. Harriet J. Floden. 1932. (Master's thesis, Columbia University)
- Budgeting the expenses for college dining hall. Claire Bemis. 1933. (Master's thesis, State College of Washington)
- Equipment, organization, and operation of university school lunchroom: Elizabeth H. Basom. 1933. (Master's thesis, Ohio State University)
- A plan for establishing and operating a central bake-shop in an educational institution. Florence E. James. 1932. (Master's thesis, Mills College, California)
- A manual of cafeteria practices. Agnes Skinner. 1933. (Master's thesis, Ohio State University)
- Plant and equipment for a new nursery school at Purdue University. Florence Bender. 1933. (Master's thesis, Purdue University)
- Standards of furnishings and equipment for residence halls in institutions. Etta H. Handy. 1931. (Master's thesis, Columbia University)

#### FOOD PREPARATION AND SERVICE - Continued

#### INSTITUTIONAL MANAGEMENT - Continued

- Standardization of institutional formulae in terms of weight, Group VII.

  Nellie L. Curry. 1932. 33 p. (Master's thesis, Kansas State
  College)
- A study of food costs in a residence hall for college girls. Clara M. Littleford. 1932. 41 p. (Master's thesis, Kansas State College)
- A study of food purchases in a school lunchroom over a period of five years beginning September, 1927. Gertrude Fleeman. 1932. 46 p. (Master's thesis, Ohio State University)
- A study of the incomes and expenditures of five Kansas State College Cafeterias, 1926-1931. Marie Q. Dryden. 1932. 36 p. (Master's thesis, Kansas State College)
- A study of laber hours involved in the preparation and service of food in college dining halls. Mary O'Leary. 1933. (Master's thesis, State College of Washington)

#### JELLY

- An experiment to determine whether or not a satisfactory fruit jelly can be made using corn sugar; and the proper proportions of sugar and juice that should be used. Grace D. Williams. 1930. (Master's thesis, Columbia University)
- A study of the effect of tartaric, malic, and citric acids on the gelation of pectin. Reata Comish. 1930. (Master's thesis, Hills College, California)

#### LAMB

A study of the effect of feeds on the cooking quality of lamb. Judith J. Belden. 1933. 54 p. (Haster's thesis, Montana State College)

MEAT - See LALE

MILK - See EGG

PEAS - See VEGETABLES

PECTIN- See JELLY

STARCH - See GELATION

STRING BEANS - See VEGETABLES

SUGAR - See GELATION, JELLY

TURNIP GREENS - See VEGETABLES

#### FOOD PREPARATION AND SERVICE - Continued

#### VEGETABLES

- Fractional separation of hemicelluloses from celery. Florence B. Duffey. 1933. 43 p. (Master's thesis, University of Illinois)
- Influence of different methods of cooking on energy value of string beans. Estella Evatt. 1932. 47 p. (Master's thesis, George Peabody College for Teachers)
- Losses of minerals in mustard greens cooked by different methods.

  Lena N. Smithson. 1933. (Master's thesis, George Peabody College for Teachers)
- Mineral content of turnip greens cooked by different methods. Martha L. Robison. 1932. 45 p. (Master's thesis, George Peabody College for Teachers)
- A study of the quality and bacterial count of home canned peas as affected by varied methods and periods of processing. Mary E. Evans. 1933. 60 p. (Master's thesis, Montana State College)
- A study of the time-temperature relationships in the cookery of vegetables. Alda C. Torgerson. 1933. 70 p. (Master's thesis, Montana State College)

## NUTRITION

#### BACTERIA

Abstracts of investigation of some relations between food and bacteria in the alimentary canal. Genevieve Epperson. 1932. (Master's thesis, Columbia University)

See also HILK

BEEF - See MINERALS

#### BLOOD REGENERATION

•The level of certain non-protein nitrogenous constituents of the blood during blood regeneration. II. Studies on a synthetic diet low in the antineuritic vitamin. Edith S. Foss. 1931. (Master's thesis, University of Minnesota)

The rate of regeneration of certain non-protein nitrogenous constituents of the blood. I. Studies on a synthetic diet. Hortense H. Honig. 1930. (Master's thesis, University of Minnesota.

See also PROTEIN

CALCIUM - See MINERALS

CARBOHYDRATES - See MINERALS

CHINESE DIET - See MINERALS

#### COFFEE

The effect of feeding high quantities of coffee on the calcium metabolism of the albino rat. Clara A. Storvick. 1933. 69 p. (Master's thesis, Iowa State College)

A study of the effect of coffee on the nitrogen balance of young women.
Ruth 7. Harrer. 1933. (Master's thesis, University of Minnesota)

A study of the effect of coffee on phosphorus balance. Sister M. Glenore Riedner. 1933. (Master's thesis, University of Minnesota)

See also METABOLISH

#### COLLAGEN

Modification of the method of determination of collagen in meat. Edith F. Bell. 1932. 22 p. (Master's thesis, University of California)

CREAM - See METABOLISM

#### EPILEPSY

The effect of the ketogenic diet on institutional cases of epilepsy.

Dorothy N. Proud. 1930. (Master's thesis, University of Minnesota)

#### NUTRITION - Continued

#### FERMOLAC

The effect of fermolac on the growth of white rats. Annabel P. Wilson. 1931. (Master's thesis, Kansas State Teachers College)

#### GENERAL

- An analysis of food choices in relation to nutritive value and cost in junior high school lunchrooms. Jeannette H. Crum. 1932. (Master's thesis, University of Washington)
- The comparative digestion by pepsin in vitro of artificial infant feedings as used in America today. Amalia Lautz. 1932. 54 p. (Doctor's thesis, Cornell University)
- A critical study of various methods for determining the nutritional status of college women. Eleanor M. Johnson. 1932. (Master's thesis, University of Washington)
- An experiment in the teaching of nutrition to improve the food habits of a group of elementary school pupils and college students.

  Jimsiana Brassfield. 1933. (Master's thesis, Ohio State University)
- Findings from correspondence service in infant nutrition at the College of Home Economics, Cornell University. Marguerite Harper. 1932. 63 p. (Master's thesis, Cornell University)
- A nutrition study of children of preschool age in Shelby County, Tennessee. Maggie M. Berry. 1932. 44 p. (Master's thesis, George Peabody College for Teachers)
- Nutrition work in Yuma County, Arizona. Janet A. Burnell. 1932. (Master's thesis, Columbia University)
- A study of the effects of teaching foods in relation to health upon the physical condition of junior high school girls. Grace C. Wilson. 1932. 72 p. (Master's thesis, Oklahoma Agricultural and Mechanical College)
- A study of the health information and practices of a group of college women. Jennie Williams. 1933. (Master's thesis, Kansas State College)
- A study of the relation of health habits and diet to teeth and growth in three races of Texas third grade children. Pearl E. Rorabaugh. 1932. 83 p. (Master's thesis, Kansas State College)

See also FAMILY RELATIONSHIPS

#### NUTRITION - Continued

#### IRRADIATION

A study of some physiological effects of ultra violet irradiation of normal adults. Hope H. Hunt. 1932. (Doctor's thesis, University of Minnesota)

#### LACTATION

The effect of yeast intake during pregnancy and lactation upon milk production in rats. Catherine S. Sherwood. 1932. 36 p. (Master's thesis, University of California)

#### See also VITAKINS

#### MEAT - See COLLAGEN, MINERALS

#### METABOLISH

- A comparison of the effect on the basal metabolism of ingesting coffee with cream and without cream. Lottic M. H. Russell. 1933. 36 p. (Master's thesis, University of Oklahoma)
- The effects of the habitual use of nicotine upon the basal metabolic rate of college women. Ann L. Buntin. 1933. 31 p. (Master's thesis, University of Oklahoma)
- Metabolism of women during the reproductive cycle. Helen A. Hunscher. 1932. (Doctor's thesis, University of Chicago)

#### MILK

The effect of pre-holding temperature upon the bacterial count of pasteurized milk. Esther H. Funnell. 1931. (Master's thesis, Columbia University)

#### MINERALS

- The effect of certain carbohydrates on the calcium metabolism of the rat. Rachel T. Thomas. 1932. 72 p. (Master's thesis, Iowa State College)
- Phosphorus intake of college women as indicated by phosphorus output.

  Mary Fletcher. 1933. (Master's thesis, Kansas State College)
- Possible sources of calcium and phosphorus in the Chinese diet. I. The determinations of calcium and phosphorus in a typical Chinese dish containing meat and bone. Pik Wan Hoh. 1933. (Master's thesis, Oregon State College)
- A survey of the literature dealing with the calcium-phosphorus metabolism of normal children. Albertine A. Noecker. 1933. 66 p. (Master's thesis, Utah State Agricultural College)

#### MUTRITION - Continued

MINERALS - Continued

Utilization by human subjects of the phosphorus of beef round and beef heart. Ida Chitwood. 1933. (Master's thesis, Kansas State College)

Variations in the calcium metabolism of pre-school children. Veda E. Hiller. 1932. 40 p. (Master's thesis, Michigan State College)

Variations in the phosphorus metabolism of pre-school children. Anne Kilpatrick. 1932. 33 p. (Master's thesis, Michigan State College)

Sec also COFFEE

See also VITALINS

NICOTINE - See METABOLISM

PHOSPHORUS - See MINERALS

#### PROTEIN

The protein intake of pre-school children. Evangeline R. Klepinger. 1932. 66 p. (Master's thesis, Ohio State University)

The value of certain diets containing different proteins for hemoglobin regeneration in the rat. Fern Sheick. 1932. 50 p. (Master's thesis, Iowa State College)

REPRODUCTION - Sec METABOLISM

See VITAMINS

#### TEETH

The effect of diet on tooth structure. Katherine Roy, 1932. (Master's thesis, Columbia University)

Sec also GENERAL

#### VEGETABLES

The effect of growing conditions on the growth and quality of tomatoes, lettuce and radishes. Mildred J. Leigh. 1932. (Master's thesis, University of Chicago)

See also FOOD PREPARATION AND SERVICE

YEAST - See LACTATION

#### VITAMIN STUDIES

#### ANNATTO - See BUTTER

#### BUTTER

The effect of annatto coloring on the concentration of vitamin A in vinter butter. Evelyn H. Zabriskie. 1932. 75 p. (Master's thesis, Iowa State College)

#### COOKIES

The vitamin A content of butter cookies of different types, together with a critical study of the adequacy of the basal diet.

Margaret L. Hall. 1932. 44 p. (Master's thesis, University of Wisconsin)

See also VITAHIN A

#### CORN - See VITAMIN A

#### EGGS

- Differentiation of the factors of the vitamin B complex as found in egg whites and egg yolks. Virginia S. Colley. 1932. 82 p. (Master's thesis, University of Kentucky)
- The vitamin C content of the yolk of hen's eggs. Winnie Condit. 1933. (Haster's thesis, Kansas State College)

#### PEAS

A study of the vitamin G content of black eyed peas. Florence Bankston. 1933. 44 p. (Master's thesis, State University of Iowa)

#### VITAHIN A

- A comparison of extraction methods used for vitamin A depletion diets.

  Hazel Swim. 1933. (Master's thesis, State University of Iowa)
- The effect of vitamins A and B on reproduction and lactation in the albino rat. Lela K. Lindgren. 1931. 31 p. (Master's thesis, University of Alabama)
- The effect of vitamin A deficiency upon the urinary nitrogen metabolism of the dog. Gladys A. Emerson. 1932. 36 p. (Doctor's thesis, University of California)
- Variations in response of rats on a vitamin A-deficient diet as affected by the addition of alcohol-extracted liver to the basal ration during assay of vitamin A in sweet corn and in outter cookies. Marion O'Neill. 1932. 38 p. (Master's thesis, University of Wisconsin)

VITAMIN A IN FOODS - See BUTTER, COOKIES, VITAMIN A

#### VITAMIN STUDIES - Continued

#### VITALLIN B

The relation of vitamin B1 to growth. Lola Pevehouse. 1933. (Master's thesis, University of Texas)

A study of vitamin B and vitamin G as possible factors influencing food intake. Lucy Knox. 1932. (Master's thesis, George Washington University)

Sce also VITALIN A

See also NUTRITION

VITALIN B IN FOODS - See EGGS, YEAST

VITAMIN C IN FOODS - See EGGS

#### VITAHIN D

The effect of vitamin D and parathyroid extract on the calcium and phosphorus metabolism and bone composition of rats. Louise Kinmel. 1932. 48 p. (Master's thesis, University of California)

Use of the paired-feeding method in the quantitative estimation of vitamin D. Lillian M. Merritt. 1932. 49 p. (Master's thesis, University of Illinois)

VITAMIN G - See VITAMIN B

VITAMIN G IN FOODS - See PEAS

#### YEAST

A comparison of the vitamin B complex of compressed and dry yeasts. Jessie N. Wells. 1931. (Master's thesis, Colorado State Teachers College)

The vitamin B (B<sub>1</sub>) content of yeast from wheat products. Verda E. Hudson. 1932. 54 p. (Master's thesis, Kansas State College)

## TEXTILES AND CLOTHING

#### HOUSEHOLD AND CLOTHING TEXTILES

#### COTTON

- An analysis of the physical characteristics of some white cotton fabrics.

  Edna M. Tucker. 1932. 44p. (Master's thesis, Ohio State University)
- Comparison of a cotton textile fabric with Government master specifications. Sarah H. Roberts. 1933. (Master's thesis, Kansas State College)
- The development of the cotton textile industry in North Carolina.

  Dorothy S. Potter. 1932. 54 p. (Master's thesis, George Peabody
  College for Teachers)
- The effect of Erusto salts on the strength of certain cotton fabrics.

  Margaret M. Rondebush. 1931. (Master's thesis, University of Chicago)
- The effect of wear and laundering upon white cotton fabrics. Suzanne Davison. 1933. 58 p. (Master's thesis, University of Missouri)
- Physical and chemical analysis of men's broadcloth shirts. Dorothy Siegert. 1933. (Master's thesis, Ohio State University)
- Price study raw cotton and cotton fabrics. Eunice O'Banion. (Master's thesis, University of Texas)
- A study of the physical characteristics of some white cotton fabrics.

  Helen A. Strow. 1931. (Master's thesis, Ohio State University)

#### DESIGN

The treatment of the pomegranate motif in textiles from the early twelfth to the late eighteenth century. Mary E. Moulton. 1932. (Master's thesis, University of Chicago)

#### DYES

The colorfastness of household dyes on wool, silk, cotton and rayon fabrics. Mrs. Sophia M. Bradshaw. 1932. 504 p. (Master's thesis, University of Wisconsin)

#### FURS

A report on a study of furs. Annie G. Dean. 1932. (Master's thesis, Columbia University)

#### HOUSEHOLD AND CLOTHING TEXTILES - Continued

#### LAUNDERING

A comparison of the effect of laundry methods on certain cotton fabrics.

Anne Howarth. 1933. (Master's thesis, Kansas State College)

The effect of home and commercial laundering upon the color of gingham and similar fabrics. Winnie M. Rohlfing. 1932. 72 p. (Master's thesis, University of Missouri)

See also COTTON, SILK

#### LIGHT

The effect of backgrounds upon specimens exposed to ultra-violet radiation. Olah Wilson. 1933. (Master's thesis, Kansas State College)

See also SILK

#### PHYSIOLOGY

A study of certain qualities of fabrics that influence their suitability for wear in contact with the body. Dorothy Readhimer. 1933. (Master's thesis, Kansas State College)

RAYON - See SILK, WOOL

#### SHEETING

A study of the variation of qualities of a product marketed under a particular brand. (Sheeting). Mary S. Golden. 1933. 50 p. (Master's thesis, University of Missouri)

SHIRTS - See COTTON

#### SILK

A comparison of the effect of exposure to light and washing upon the strength and color fastness of some rayon and silk fabrics. Gladys S. Cook. 1932. 53 p. (Master's thesis, Ohio State University)

The effect of certain light rays upon unweighted and weighted silk fabrics. Pearl Haas. 1933. (Master's thesis, Kansas State College)

#### TERRY CLOTH

An analytical study of terry pile fabrics. Sara T. 0'Brien. 1932. (Master's thesis, University of Chicago)

#### WOOL

A study of some wool and rayon dress fabrics. Ruth Wheatcraft. 1932. 45 p. (Master's thesis, Ohio State University)

#### TEXTILE AND CLOTHING ECONOMICS

#### CLOTHING SELECTION

- An analysis of present practices in regard to infants' clothing as a basis for improved selection. Semeramia C. Kutz. 1932. (Master's thesis, University of Chicago)
- Clothing inventories of women students in Teachers College, part I. Leila I. Kent. 1931. (Master's thesis, Columbia University)
- Clothing inventories of women students in Teachers College, part II. Leila K. Black. 1931. (Master's thesis, Columbia University)
- Clothing survey made from a study with farm girls in four-H clubs of South Carolina. Harriet F. Johnson. 1930. (Master's thesis, Columbia University)
- A comparative study of dress selection. Rena E. Wadley. 1932. 142 p. (Master's thesis, George Peabody College for Teachers)
- Influence of economic conditions and social customs on women's dress.

  Eleanor Miller. 1933. (Master's thesis, State College of Washington)

#### COST

- Relation of price to the similarity between measurements of certain commercially made garments and similar measurements of a selected group of women. Almyra Jacobson. 1933. (Master's thesis, Kansas State College)
- A study of the clothing expenditures of one hundred Kansas farm families.

  Leola White. 1933. (Master's thesis, Kansas State College)

#### FASHION MAGAZINES

Development of certain fashion magazines in the United States.

Frances L. Rice. 1932. 68 p. (Master's thesis, George Peabody College for Teachers)

See also HOUSEHOLD AND CLOTHING TEXTILES

#### COSTUME DESIGN

#### DESIGN

- The place of drafting and designing in teachers' colleges. Mary V. Dixon. 1932. 58 p. (Master's thesis, George Peabody College for Teachers)
- A study of the reactions of a selected group of subjects to certain optical illusions as used in dress design. Mildred L. Skinner. 1933. (Master's thesis, Kansas State College)

#### FOOTWEAR - See HISTORICAL

#### HISTORICAL

- A study of Persian costume pre-Islamic and Islamic. Martha J. Mellinger. 1932. (Master's thesis, University of Washington)
- Sumerian, Babylonian and Assyrian costume. Betty B. Jacobs. 1932. (Master's thesis, University of Chicago)
- A survey of English footwear from earliest Briton to the Tudor period. Constance deL. Holmes. 1931. 144 p. (Master's thesis, University of California)

#### PSYCHOLOGY

An outline of dress and personality. Belle Northrop. 1931. (Master's thesis, Columbia University)

#### CLOTHING CONSTRUCTION

#### PATTERNS

- A comparison of the relationship between certain body measurements of individuals and those shown in commercial patterns. Ingrid K. Jernberg. 1932. 50 p. (Master's thesis, Kansas State College)
- A comparison of the relationship existing between certain body measurements of a selected group of women. Pearl F. Musgrave. 1933.

  46 p. (Master's thesis, Kansas State College)
- A study of the variations in size of certain commercially made garments as determined by a comparison of certain measurements with those of a selected group of women. Faith Johnston. 1933. (Master's thesis, Kansas State College)

See also TEXTILE AND CLOTHING ECONOMICS

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UNITED STATES DEPARTMENT OF AGRICULTURE BUREAU OF HOME ECONOMICS

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TITLES OF UNPUBLISHED THESES IN THE FIELD OF HOME ECONOMICS COMPLETED DURING THE YEARS 1933-1935

Compiled by

Edith Evers and Hazel E. Munsell, Senior Nutrition Chemist, Foods and Nutrition Division

December 1935 'Washington, D. C.

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## PREFACE .

This compilation is the second biennial supplement to the list of theses' titles issued in May 1932. The list includes unpublished theses in the field of Home Economics, exclusive of Purnell projects, and covers the period from June 1933 to June 1935. The project was undertaken as part of the program of work of the Research Committee of the American Home Economics Association.

The titles, authors, and all data given were supplied by the colleges and universities concerned. Since the compilers did not have access to the original material the completeness of this list has been largely dependent upon the cooperation of the various institutions,

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## FAMILY. LIFE

#### CHILDREN

#### APPETITE

Some physiological factors affecting the appetite of nursery school children. Jeanette Beyer McCay. 1934. 165 pp. (Master's thesis, Cornell University)

#### DEVELOPMENT

- The development status of sixteen home management house children.

  Dorothea B. Knockel. 1934. 80 pp. (Master's thesis, Iowa State College)
- The developmental status of sixty former children of the Iowa State College Nursery School. Mary I. Robbins. 1933. 109 pp. (Master's thesis, Iowa State College)
- Stimulation of social contacts in pre-school children. Kathleen Thayer. 1935. (Master's thesis, University of Chicago)
- The value of Junglegym, slide, and boards in motor development of the preschool child. Lucille G. White. 1932. (Master's thesis, Pennsylvania State College)

## FOOD HABITS

- A study of the modification of the food habits of the preschool child. Clara B. Dishman. 1931. 76 pp. (Master's thesis, Texas State College for Women)
- Voluntary selection of food by nursery school children from dinner menus of sixteen suitable items. Anafred Stephenson. 1934. 67 pp. (Master's thesis, Iowa State College)

See also FOODS AND NUTRITION

#### GROWTH

- The growth of a normal eleven-year-old girl for a calendar year related to season, climate, exercise, and other pertinent factors. Flora W. Edwards. 1934. (Master's thesis, University of Chicago)
- A study of the growth of diabetic children. Jean C. Green. 1935. 70 pp. (Master's thesis, Indiana University)

## MEASUREMENT OF ABILITY

- Factors involved in the use of a conditioning board and colored blocks for testing the color perception of young children. Esther E. Drennan. 1934. 78 pp. (Master's thesis, Iowa State College)
- Iowa State Fair baby health records; differences in scores as related to the sex and the locality of the children, and the individual tendencies of the psychological examiners. Helen E. Gray. 1933. 63 pp. (Master's thesis, Iowa State College)

#### CHILDREN - Continued

## MEASUREMENT OF ABILITY - Continued

- An objective behavior record for use in a nursery school. Helen R. Fisher. 1933. 41 pp. (Master's thesis, Kansas State College)
- An observational technique for studying the table behavior of a group of preschool children. Hilda Berglund. 1934. 64 pp. (Master's thesis, Ohio State University)
- The relation of tests of rhythm and of consonance and dissonance at the preschool and kindergarten level to the Seashore tests of musical capacity given five years later. Dorothy Raine. 1934. 46 pp. (Master's thesis, Iowa State College)
- The standardization of the Vance Collar-peg formboard as a test of psyco-motor capacity of children from the age of three to eight and one-half years. Neriman Hilal. 1934, 80 pp. (Master's thesis, Iowa State College)

## PRESCHOOL EDUCATION

- The development of the prekindergarten education in the United States.

  Della J. Avery. (Master's thesis, Pennsylvania State College)
- A study of the child training contacts of the nursery school teachers in morning nursery school routine. Mary F. Reed, (Ohio University)
- A study of the nursery school teacher's attempts to encourage constructive use of materials by the children. Maurine T. Lewis. 1933. 36 pp. (Master's thesis, Kansas State College)

#### PSYCHOLOGY

- Rating of a group of preschool and preadolescent children on their tendency to face reality. Winifred Reynolds. 1934. 54 pp. (Master's thesis, Ohio State University)
- Reactions of ten nursery school children in play with blocks and kiddy kars. Lois M. McCloskey. 1930. (Master's thesis, Pennsylvania State College)
- A study of the emotionality of preschool children in a pressure situation. Ruth H. Abells. 1935. (Master's thesis, University of Chicago)
- A study of imagination shown by preschool children in oral composition.

  Carolyn Henry. 1935. 65 pp. (Master's thesis, University of Chicago)
- A study of the interest of fifty-two preschool children in the daily comics. Verletta Hearn. 1935. (University of Tennessee)
- A study of the movie-going habits of sixty-four preschool children.

  Minera Tuttle. 1935. (University of Tennessee)

#### ADOLESCENTS

#### ACTIVITIES

- A comparative analysis of the home activities of pupils and their accomplishment in a course in home activities. Ilma L. Badgley. 1933. (Master's thesis, University of Chicago)
- Home making activities of high school girls. Verda Filkin. 1934. (University of Kansas)
- Homemaking responsibilities of certain high school boys contrasted with the homemaking responsibilities of younger married men in the same area in Virginia. Sallie B. Harrison. 1934. (University of Tennessee)
- An investigation of the interests, activities, and responsibilities of the high school girls of South Carolina. Chrystine Daniel. 1934. (University of Tennessee)
- Leisure-time activities of two hundred high school girls in Chicago. Irene S. Barlow. 1934. (Master's thesis, University of Chicago)
- The relation of extra-curricular activities to the home economics program in the high schools of Louisiana. Emma P. Peace. 1934. 66 pp. (Master's thesis, Louisiana State University)
- A study of home activities and family relationships of 450 school children of Union and Anderson Counties, Tennessee. Elta Majors. 1934. (University of Tennessee)
- A time analysis of the activities of high school girls. Mabel R. Pashley. 1935. (Master's thesis, University of Chicago)

## INFLUENCE OF HOME ECONOMICS EDUCATION

- Background of home economics seniors in relation to home management house performance. Gertrude Shell. 1934. 59 pp. (Master's thesis, Iowa State College).
- The contribution of home economics to the social adjustment of the high school girl. Lou P. Taylor. 1933. 59 pp. (Master's thesis, Texas State College for Women)
- Differences in the attitude of Iowa State College girls in the freshman and senior years. Opal Lynn. 1933. 47 pp. (Master's thesis, Iowa State College)
- Student home economics clubs in Louisiana. Hazel G. Coxe. 1931. 67 pp. (Master's thesis, Louisiana State University)
- The use made of the home economics training by the pupils and graduates of the Lengir City High School. Geneva O'Neal. 1933. (University of Tennessee)
- Work of home economics clubs in certain southern high schools. Stella M. Cox. 1934. 40 pp. (Master's thesis, George Peabody College for Teachers)

## ADPLESCENTS - Continued

- The confidants of high school senior girls in rural and urban centers.

  Hazel M. Hatcher. 1933. 70 pp. (Master's thesis, Iowa State College)
- A study of the home and family situation of the high school girl. Laura J. McArthur. 1933. 146 pp. (Master's thesis, University of Minnesota)

#### ADULTS

#### ACTIVITIES

- A comparison of the leisure-time activities of two hundred farm women living in two regions of the United States. Miyo Okada. 1933. (Master's thesis, University of Chicago)
- The in-school and out-of-school activities of home economics teachers in Negro schools of Texas. Elizabeth C. May. 1933. 34 pp. (Master's thesis, Kansas State College)
- Leisure-time activities of a selected group of farm women. Lucile W. Reynolds. 1935. (Doctor's thesis, University of Chicago)

#### PARENTAL EDUCATION

- A compilation of sources of information in child development and parental education. Mary H. Burket. 1932. (Master's thesis, Pennsylvania State College)
- The development of parent education through the extension service of Iowa State College 1925-32. Maria E. Steyn. 1933. 71 pp. (Master's thesis, Iowa State College)
- Some suggestions for the use of visual education in teaching illiterate Chinese parents. Woh P. Loh. 1935. (Master's thesis, Oregon State College)

#### RECREATION

Recreational camps for farm women in Tennessee. Geraldine G. Orrell.
1933. 56 pp. (Master's thesis, George Peabody College for Teachers)

## FAMILY ECONOMICS

## MANAGEMENT OF FINANCES

A survey of personal accounts of selected Tennesee high school girls.

Elise Holland. 1933. (University of Tennessee)

#### CONSUMER EDUCATION

- An analysis of current literature on household buying. Mary E. Davis. 1933. (University of Tennessee)
- A critique of the effect of advertising on the character of consumers' demand. Calla Van Syckle. 1933. 73 pp. (Master's thesis, Iowa State College)
- Home Economics and consumer education. Ruth C. Jason. 1934. 51 pp. (Master's thesis, Ohio State University)
- The value of magazine articles for the consumers' education in the selection of home furnishings. Mary A. Stalder. (Ohio University)

#### CONSUMPTION AND STANDARDS OF LIVING

- The development of standards of living of middle class families in the East North Central States. Edna Blemaster. 1933. (Michigan State College)
- Living conditions among fifty-seven industrial families in Chattanooga, Tennessee, with a special investigation of dairy products, green vegetables, and citrus fruits. Pearl Haley. 1934. (University of Tennessee)
- A study of standards of living of one hundred Mexican families of central Texas. Ina Burkhalter. 1932. 75 pp. (Master's thesis, Texas State College for Women)
- A survey of certain factors in the living conditions of fifty industrial families in Knoxville, Tennessee. Nancy Giffin. 1934. (University of Tennessee)
- A way of living study of a hundred homes in the Morris Chapel community in Hardin County, Tennessee. Mrs. Lois Swanson. 1933. (University of Tennessee)

## THE HOUSE

#### HOUSE PLANNING

- Desirable features for a home management house at Iowa State College from the standpoint of utility. Dorothea L. Sulzbach. 1933. 50 pp. (Master's thesis, Iowa State College)
- Plant and equipment for a nursery new school at Purdue University. Florence E. Bender. 1934. 85.pp. (Master's thesis, Purdue University)
- A study of a house for Berkeley, its plan, structure, and interior decoration. Ada P. Dibble. 1933. 64 pp. (Master's thesis, University of California)

## EQUIPMENT AND FURNISHINGS

## CHILDREN'S EQUIPMENT

- Arrangements needed for the home storage of children's play material.

  Esther Kammerer. 1935. (Master's thesis, Oregon State College)
- Consideration of the needs of children in selecting household furnishings as determined by a study of 55 families in Ithaca, New York. Delpha E. Wiesendanger. 1935. 112 pp. (Master's thesis, Cornell University)

#### CLEANERS

Electric cleaner. 1. Effect on dirt removal of nozzle height, speed of cleaning, and length of cleaning time of four electric cleaners.

2. A comparison of the ratio of nap removal to dirt removal in eight electric cleaners. Elizabeth Beveridge. 1934. 42 pp. (Master's thesis, Iowa State College)

FIREPLACE - See INTERIOR DECORATION

FURNITURE - See INTERIOR DECORATION

#### INTERIOR DECORATION

- Ancient techniques and materials used in the color ornamentation of walls.

  Margaret W. Hamilton. 1934. 70 pp. (Master's thesis, University of California.)
- The Chinese influence on Chippendale furniture. Jennie B. Minor. 1934. (Master's thesis, University of Chicago)
- Effective and inexpensive ways of introducing color into the rural home of Winn Parish, Louisiana. Maxine C. Martin. 1934. 67 pp. (Master's thesis, Louisiana State University)
- The fireplace designs of Sir Christopher Wren. Jane W. Lighter. 1934. (Master's thesis, University of Chicago)

## EQUIPMENT AND FURNISHINGS

#### INTERIOR DECORATION - Continued

- Furnishings pictured in fifteenth century manuscripts. Bernice E. Band. 1935. 97 pp. (Master's thesis, University of California)
- A study of color combinations in relation to Tungsten and daylight lamps. Thelma Huff. 1935. 1155 pp. (Master's thesis, Syracuse University)
- A study of the relationship of good design and living room furniture of low price. Dorothea C. Muth. 1933. 73 pp. (Master's thesis, Oregon State College)
- Style cycles in American furniture, 1830-1930. Marjorie B. Ford. 1933. (Master's thesis, University of Chicago)
- Wall hangings of Tudor England. Aileen E. Bechtel. 1934. '120 pp. (Master's thesis, University of California)

## See also TEXTILES AND CLOTHING

#### MIXERS

The use of electrical equipment in mixing and baking cakes. Myra Reagan. 1935. (University of Tennessee)

## OVENS - See STOVES

#### PANS

Relative performance of standard sheet and cast aluminum as materials for pans used in surface and oven cookery on gas and electric ranges.

Katherine Steele. 1934. 48 pp. (Master's thesis, Iowa State College)

#### REFRIGERATORS

- The household refrigeration of the common cuts of beef, pork, and lamb.

  Dorothy Burnett. 1934. 51 pp. (Master's thesis, Iowa State College)
- Selection of refrigerators, gas ranges, and washing machines for home management houses at Iowa State College. Ruth Hunter. 1933. 82 pp. (Master's thesis, Iowa State College)

#### STOVES

Some factors affecting the operation of a domestic gas oven. Dale L. Norris. 1934. 31 pp. (Master's thesis, Kansas State College)

See also MIXERS

#### WASHING MACHINES - See REFRIGERATORS

#### LANDSCAPING

Landscaping home grounds of Louisiana using native shrubs. Mary E. Knager. 1934. 68 pp. (Master's thesis, Louisiana State University)

#### FOODS AND NUTRITION

#### DIETARY STUDIES

#### CHILDREN

- A comparative nutritional study of two groups of Ithaca school children. Eleanor R. Smyth. 1935. 65 pp, (Master's thesis, Cornell University)
- Energy intake of seven and eight year old boys. Laura E. Heston. 1935. (Master's thesis, University of Chicago)
- A study of the dietaries of girls of high school age in northern Arkansas. Nadene Harris. 1934. (Master's thesis, University of Tennessee)
- A study of the dietary habits of junior and senior high school girls in four rural Mississippi Communities. Mrs. Carrie N. Herring. 1935. (University of Tennessee)
- Variability in food intake of adolescent boys living under uniform conditions. Wilma V. Reed. 1934. (Master's thesis, University of Chicago)

#### CCLLEGE STUDENTS

- The adequacy and economy of the diet in a dormitory dining hall at Ohio University. Katherine I. Smith. (School not given, but presumably Ohio University)
- A comparative dietary study of menus from six fraternities. Virginia M. Palmer. 1930. (Master's thesis, Pennsylvania State College)
- A dietary study of a group of students working at the Memorial Union at Iowa State College. Ruth M. Post. 1933. 188 pp. (Master's thesis, Iowa State College)
- The nutritive adequacy of food purchased by four college fraternities.

  Florence R. Wakefield. 1934. 38 pp. (Master's thesis, Indiana University)

#### FAMILY

- An analysis of nutritive value of foods selected by fifty Seattle families on relief. Emma L. Jackson. 1934. 25 pp. (Master's thesis, University of Washington)
- A dietary study emphasizing the vitamin A consumption of village and urban families during the winter months of 1933. Nellie E. M. Northrop. 1935. 55 pp. (Master's thesis, Syracuse University)

## INFANTS.

A study of Negro infant feeding practices in a selected community of Greensboro, N. C. Flemmie P. Kittrell. 1935. 250 pp. (Doctor's thesis, Cornell University)

#### FOOD COMPOSITION

#### EFFECT OF COOKING

- Chemical composition of cabbage and turnips before and after cooking.
  Mildred Venger. 1934. (Master's thesis, University of Chicago)
- Chemical losses and changes that occur during the cooking of sweetpotatoes.

  Mary J. Satorius. 1934. (Master's thesis, University of Chicago)
- Effect of cooking upon the chemical composition of spinach and asparagus.

  Belle V. Harwich. 1934. (Master's thesis, University of Chicago)
- Food sources of calcium. The determination of calcium in meat cooked in acid. Maple C. Beals. 1935. 89+pp. (Master's thesis, Oregon State College)
- Losses of iron from cooking vegetables in Denton water. Leta B. Roberson. 1933. 62 pp. (Master's thesis, Texas State College for Women)
- Losses of minerals in mustard greens cooked by different methods. Lena N. Smithson. 1933. 49 pp. (Master's thesis, George Peabody College for Teachers)
- Mineral content of onions cooked by different methods. Margaret I. Miller. 1934. 62 pp. (Master's thesis, George Peabody College for Teachers)
- Some chemical changes occurring during cooking of peas and beans. Faith Clark. 1934. (Master's thesis, University of Chicago)

#### MEAT

- Physical and chemical studies on muscle tissue. Helen K. Klaas. 1933. (Master's thesis, University of Chicago)
- Press fluid from beef muscle heated to different temperatures. Sister James A. Fogerty. 1934. 63 pp. (Master's thesis, University of Minnesota)
- A study of bound water and press water in muscle. Agnes Robinson. 1933. 59 pp. (Master's thesis, University of Minnesota)
- A study of factors affecting fluid expressed from muscle tissue heated under different conditions. Elisabeth Smith. 1933. 69 pp. (Master's thesis, University of Minnesota)
- A study of the fluid expressed from muscle tissue when heated at different temperatures. Ruth Davis. 1933. 83 pp. (Master's thesis, University of Minnesota)

#### VEGETABLES

The mineral content of vegetables grown under known fertilizer conditions.

Ernestine Elmendorf. 1935. (Master's thesis, University of Rochester)

#### FOOD ECONOMICS

#### COST STUDIES

- An analysis of the food cost accounts for a three-year period, 1930-33, in the women's cooperative dormitories at Iowa State College: Lorene M. Anderson. 1933. 60 pp. (Master's thesis, Iowa State College)
- A comparison of the costs of some fresh, canned, and quick-frozen vegetables served in hospitals. Mary E. Parks. 1935. 43 pp. (Master's thesis, University of California)
- The cost of food and labor and the distribution of food expenditures in the school lunchroom. Ruth D. Heckler. 1934. 56 pp. (Master's thesis, Kansas State College)
- The cost of food produced and preserved by certain Kansas farm families

  Dosca W. Halé. 1934. 55 pp. (Master's thesis, Kansas State College)
- The nutritive adequacy and cost of food preferred by hospital children.

  Virginia S. Kraning. 1934. 46 pp. (Master's thesis, Indiana University)
- Nutritive value and cost of food consumed by women in a college sorority. V. Frances R. Conrad. 1934. 39 pp. (Master's thesis, Kansas State College)
- A study of adequate low cost diets for an emergency nursery school in Athens, Georgia. Nancy G. Pullin. (University of Georgia)
- A study of the expenditures in a college lunch room over a period of five years, 1930-1935. Mrs. Ruth D. Thomason. 1935. (Master's thesis, Purdue University)
- A study of the nutritive value and cost of food consumed by a cooperative group of college students. Carrie E. Davis. 1934. 46 pp. (Master's thesis, Kansas State College)
- A study of the nutritive value and cost of food consumed by a group of college women in a sorority. IV. Jean L. Jackson. 1934. 56 pp. (Master's thesis, Kansas State College)
- A study of plate waste and cost of edible food served in the University school lunch room at the Ohio State University. Esther D. Kynn. 1934. 66 pp. (Master's thesis, Ohio State University)

### MARKETING

- A study of methods of marketing and variations in retail price of perishable fruits and vegetables in Madison, Wisconsin. Harriett G. West. 1933. 89 pp. (Master's thesis, University of Wisconsin)
- A study of the pecan as a staple food commodity. Mrs. Genie E. Cameron. 1933. 82 pp. (Master's thesis, Texas State College for Women)

#### FOOD ECONOMICS - Continued

#### PURCHASING

- Basic specifications for buying fresh fruits and vegetables for institution use. Wayne K. Rife. 1934. 60 pp. (Master's thesis, Ohio State University)
- Pattern of food expenditures in home management houses at Michigan State College. Julia Pond. 1933. (Michigan State College)
- A study of the food purchasing habits of home makers in Deer Park, Texas.

  Annie B. C. Watts. 1934. (Master's thesis, University of Texas)

See also FOOD PREPARATION AND SERVICE .

## FOOD PREPARATION AND SERVICE

BAKING POWDER - See CAKE

BEANS - See VEGETABLES

CABBAGE - See VEGETABLES

#### BEEF

- Mechanical measurement of the tenderness of raw and cooked beef. Belle Lowe. 1934. (Master's thesis, University of Chicago)
- A study of the effect of braising as compared to roasting three less tender cuts from three classes of beef animals. Alma C. Swenson. 1933. 194 pp. (Master's thesis, University of Missouri)

#### CAKE

- Angel cake. I. The effect of consistency of the egg white upon volume and texture. Laura C. Hedstrom. 1933. 74 pp. (Master's thesis, Iowa State College)
- The creaming qualities of lards and other fats and new ways of mixing them in plain cakes. Elizabeth L. Martin. 1933. 151 pp. (Master's thesis, Iowa State College)
- Plain cake. VI. The determination of the optimum quantity of three types of baking powders. Beth B. McLean. 1933. 138 pp. (Master's thesis, Iowa State College)
- Plain cake. VII. The determination of the optimum baking temperature for three types of baking powder. Alice M. Stone. 1934. 68 pp. (Master's thesis, Iowa State College)
- Plain cake. VIII. The effect of the method of mixing on the texture, volume, and palatability, using lard as the fat. Eva I. Buel. 1934. lll pp. (Master's thesis, Iowa State College)

## FOOD PREPARATION AND SERVICE - Continued

COOKING LOSSES - See FOOD COMPOSITION

#### EMULSIFICATION |

A study of emulsification and of oil-in-water emulsions. Elsie Halstrom. 1935. 64 pp. (Master's thesis, University of California)

## FATS

Factors effecting the shortening value of fats. Helen E. McLaughlin. 1934. (Master's thesis, University of Chicago)

See also CAKE

#### FISH

Fish cookery in South Louisiana with its influencing and contributing factors. Mrs. T. N. Hatfield. 1933. 71 pp. (Master's thesis, Louisiana State College)

#### HISTCRICAL

Changes in Southern food and table customs. 1860-1930. Jane L. Adams. 1934. (Master's thesis, George Peabody College for Teachers)

Food and food customs of France from 1700 to 1900. Rufie L. Williams.
1934. 114 pp. (Master's thesis, George Peabody College for Teachers)

#### INSTITUTIONAL

- Analysis of certain problems in the organization of the dietary department in a hospital. Mabel C. Flanley. 1932-33. (Master's thesis, University of Washington)
- Certain factors in hospital food service affecting acceptability of food to the patient. Zoe D. Wertman. 1933. (Master's thesis, University of Chicago)
- A comparative digest of the State laws governing hotels. Virginia R. Woods. 1933. 124 pp. (Master's thesis, University of Wisconsin)
- A comparative study of some school cafeterias. Mildred Boggs. 1933. (Master's thesis, University of Wisconsin)
- A study of cooperative living for momen students in the University of Alabama. Juliette S. Hamilton. 1935. 125 pp. (Master's thesis, University of Alabama)
- A study of dietary management in hospitals. Florence Lloyd. 1934. 195 pp. (Master's thesis, Montana State College)
- A study of the efficiency of student labor in the food units of Ohio University. Lillian V. Urban. (Chio University)

#### FOOD PREPARATION AND SERVICE - Continued

#### INSTITUTIONAL \_ Continued

- A study of food cost, popularity of food and frequency of use in relation to adequate menu planning in a college dining hall. Alice B. Henney. (Ohio University)
- A study of the housing and feeding of students at the University of Tennessee. Letty Maddux. 1933. (University of Tennessee)
- A study of the methods of management that affect the quantity and quality of work accomplished by student employees. Louise E. Reed. (Ohio Universty)

See also FOOD ECONOMICS

MEAT - See BEEF

MILK

Factors affecting flocculation in milk. Mary A. Wood, 1934. (Master's thesis, University of Chicago)

PEAS - See VEGETABLES

SPINACH - See VEGETABLES

SQUACH - See VEGETABLES

#### STARCH

- The effect of retrogradation upon the subsequent gelation of wheat starch.

  Mary Holton. 1934. 21+ pp. (Master's thesis, University of Illinois)
- A study of the effect of various temperatures and time periods on the gelatinization of corn and wheat starch. Mary E. Green. 1933. 50 pp. (Master's thesis, Ohio State University)

#### SUGAR

- A study of cooked icing. Clara A. Dishman. 1933. 102 pp. (Master's thesis, George Peabody College for Teachers)
- A study of crystals in six selected varieties of fondant. Dorothy B. Rubel. 1935. 50 pp. (Master's thesis, Mills College)

#### VEGETABLES

- A comparative study of the cooking qualities of Great Northern beans and Michigan pea beans. Marion Niedert. 1933. (Michigan State College)
- The effect of preparation on the popularity of carrots, cabbage, peas, spinach, and squash. Leland R. Alexander. (University of Georgia)

#### NUTRITION

#### ANEMIA

Changes in the plasma proteins in hemorrhagic anemia. Florence Sperry. 1933. 66 pp. (Master's thesis, University of Minnesota)

The role of diet in the treatment of anemia. Isabelle M. W. White. 1933. (Master's thesis, Pennsylvania State College)

See also EGG, MEAT, MINERALS

BANANA - See MINERALS

BEEF - See MEAT

CALCIUM - See MINERALS

#### CARBOHYDRATE

The effect of high fat and high carbohydrate diets upon the blood sugar and blood phosphorus partition in rats. Natalie Van Cleve. 1935. 27 pp. (Master's thesis, University of California)

The place of the daily carbohydrate foods, such as rice, corn, and sweetpotatoes, in the daily menus of South Louisiana people. Mrs. Beryl W. Pope. 1934. 91 pp. (Master's thesis, Louisiana State University)

#### CHILDREN

The effect of a typical diet of a superior preschool child on the growth and reproduction of an albino rat. Vivian M, Roberts. 1933. (Master's thesis, University of Chicago)

An historical survey of the relation of pediatrics and nutrition in the development of artificial methods of feeding infants. Grace W. Laubengayer. 1935. 50? pp. (Master's thesis, Cornell University)

A nutrition study of preschool children at Bethlehem Center. Lily M. Meadors. 1933. 50 pp. (Master's thesis, George Peabody College for Teachers)

CHLORINE - See PROTEIN

#### DIABETES

The nutritional adequacy of hospital diets for diabetics. Elizabeth J. Crooks. 1934. 47 pp. (Master's thesis, Indiana University)

DIGESTIBILITY - See PROTEIN

#### EGGS

The effect of ingestion of egg yolk on the liver lipids of rats. Edith M. Yokela. 1935. 47 pp. (Master's thesis, University of California)

The value of fresh, raw egg yolk and of ashed egg yolks produced under controlled conditions in the regeneration of hemoglobin in the white rat. Mrs. Kenneth F. Wilson. 1934. 40 pp. (Master's thesis, University of Kentucky)

#### NUTRITION - Continued

FAT - See CARBOHYDRATE

FRUIT JUICE - See ORANGE JUICE, URINARY ACIDITY

#### GENERAL

Nutrition service for the ambulatory patient. Dorothy L. Burnett. 1933. (University of Kansas)

A study of basic nutrition information for the social service worker.

Clara A. Kurtz. (Master's thesis, State University of Iowa)

GRAPE JUICE - See URINARY ACIDITY

HEMOGLOBIN REGENERATION - See EGG, MEAT, MINERALS

IRON - See MINERALS

MAGNESIUM - See MINERALS

#### MEAT

Energy value of fried veal determined by calorimeter. Chauncey M. Young. 1934. 37 pp. (Master's thesis, George Peabody College for Teachers)

The oestrous cycle in rats fed a diet in which dried pork muscle served as the sole source of protein. Thelma M. Golden. 1934. 72 pp. (Master's thesis, Iowa State College)

The respective values of beef and pork muscle for inducing the regeneration of hemoglobin in the anemic albino rat. Lois Diehl. 1933. 63 pp. (Master's thesis, Iowa State College)

#### METABOLIC RATE

A study of the basal metabolic rate of women in Minnesota. Elsie Zohner. 1934. 86 pp. (Master's thesis, University of Minnesota)

### MINERALS

Effect of banana in calcium utilization. Rita R. Lang. 1934. (Master's thesis, Columbia University)

The effect of various additions to the diet on the iron balance of an infant with nutritional anemia. Helen G. Oldham. 1935. (Master's thesis, University of Chicago)

Factors in body iron requirement. Leo Sherr. (Master's thesis, Columbia University)

Iron metabolism in the regression of nutritional anemia in the albino rat. Villa M. Enblom. 1934. 57 pp.(Master's thesis, Iowa State College)

The magnesium metabolism and its relation to calcium retention of two normal preschool children on high and medium protein diets. Linnea Dennett. 1933. (Michigan State College)

## NUTRITION - Continued - 1

## MINERALS - Continued

- A study of the changes in the calcium, phosphorus, and protein content of blood plasma in hemorrhagic anemia. Anita Sallans. 1935. (Master's thesis, University of Minnesota)
- A study of the effect of deficient diets on the total ash and calcium and phosphorus content of bones. Ruth Yeager: 1934. 31 pp. (Master's thesis, University of Texas)
- A study of the phosphorus metabolism of the albino rats during periods of lysine deficiency and of subsequent realimentation. Elizabeth G. Curzon. 1934. 23+pp. (Master's thesis, University of Illinois)

#### MITROGEN

A study of the influence of vitamin B complex on nitrogen metabolism in human subjects. Nellie Scott. 1934. 36 pp. (Master's thesis, Indiana University)

#### DRANGE JUICE

A study of the possible laxative effect of orange juice. Helen A. Baeder. 1935. 78+pp. (Master's thesis, University of Nebraska)

#### PELLAGRA

The relation of pellagra to diet. Jamia D. Blaine. 1931. 134 pp. (Master's thesis, Texas State College for Women)

A study of pellagra in Texas. Beryl Sullivan. 1934. 102 pp. (Master's thesis, University of Colorado)

## PHOSPHORUS - See MINERALS

## PORK - See MEAT

#### PROTEIN

The effect of the kind of protein incorporated in the diet on the production of experimental polycythemia in the young albino rat. Anne M. Schoenbohm. 1933. 73 pp. (Master's thesis, Iowa State College)

Influence of medium and high protein diets on the chlorine metabolism of two preschool children. Margaret Barry. 1933. (Michigan State College)

Studies upon the digestibility of the protein of shell fish by the in vitro method. Sister Jeanne d'Arc Hurley. 1933. (Doctor's thesis, University of Chicago)

See MEAT, MINERALS

#### SCHOOL LUNCH

Food choice in the cafeteria and its influence on the adequacy of the diet. Delia M. Forgey. 1933. (Master's thesis, University of Chicago)

Nutrition value of the noon meal served at a private school. Dorothy C. Dunn. 1934. 115 pp. (Master's thesis, Ohio State University)

A study of the hot school lunch in the rural schools of Knox County. Lola Barry. 1934. (University of Tennessee)

## NUTRITION - Continued

#### TEETH

- Current theories concerning diet in its relation to dental caries. Rachel Moss. 1934. (Master's thesis, Pennsylvania State College)
- The relation of nutritional history to the incidence of dental caries in the albino rat. Lola M. Heuerman. 1934. 87 pp. (Master's thesis, Iowa State College)
- The role of nutrition in dental caries. Mary O. McLain. 1935. 109 pp. (Master's thesis, Oregon State College)
- A study of the relation of nutrition to the conditions of the teeth in fifth grade children (in Houston, Texas). Mary J. Haskins. 1933. 107 pp. (Master's thesis, Texas State College for Women)

#### URINARY ACIDITY

- The effect of grape as compared with other fruit juices on urinary acidity and the excretion of organic acids. Ruth C. Clouse. 1933. (Doctor's thesis, University of Chicago)
- The urinary excretion of citric acid and some factors affecting its output.

  Cecilia Schuck. 1934. (Doctor's thesis, University of Chicago)

#### VEAL - See MEAT

#### WEIGHT CONTROL

- Education for weight control through diet; a library study with resultant mechanical invention. Edith A. Harris. 1932. (Master's thesis, University of Southern California)
- An experiment in weight normalization of underweight college girls. Nell Morris. 1931. 26 pp. (Master's thesis, Texas State College for Women)
- A practical guide to the reducing diet. Anna T. Paschall. 1934. (Master's thesis, Pennsylvania State College)

### VITAMINS

#### APRICOTS

The vitamin A content of home canned Oklahoma apricots. Georgia H. Ethridge. 1933. 33 pp. (Master's thesis, University of Oklahoma)

See also PEACHES

#### BAKING - See BREAD

#### BEANS

- The vitamin A content of the Pinto bean as a growth promoting factor in the diet of the Mexican child. Clarice L. Wilkins. 1933. 43 pp. (Master's thesis, University of Oklahoma)
- The vitamin G content of canned green string beans: Ruth D. Silker. 1934. (Master's thesis, State University of Iowa)

#### VITAMINS - Continued

#### BREAD

A study of vitamin B in whole wheat bread produced under various baking conditions. Hilda Frederick. 1934. 28 pp. (Master's thesis, University of California)

#### CANNING - See PEACHES

#### CARROT

A comparison of the vitamin B complex content of commercially and home prepared puree of carrot for infants. Mary Bodwell. 1934. (Master's thesis, Colorado State Teachers College)

## COOKING - See CARROT, SWEETPOTATO

#### COTTONSEED FLOUR

The vitamin B  $(B_1)$  content of cottonseed flour and the possibility of its use in human mutrition. Mary G. Banks. 1934. 38 pp. (Master's thesis, University of Texas)

#### EGGS

The vitamin A content of fresh raw eggs produced by pullets receiving sardine oil as a supplement. Grace Washburn. 1935. 40+pp. (Master's thesis, Purdue University)

The vitamin A content of fresh whole eggs produced by pullets on various rations. Olive Rhodes. 34+ pp. (Purdue University)

## LETTUCE

A study of the method for the determination of vitamin G  $(B_2)$  and the vitamin G  $(B_2)$  content of leaf lettuce. Mrs. Grace Woodson. 1934. (University of Tennessee)

#### PEACHES

The effect of canning and of sulfuring on the vitamin B and G content of peaches and apricots. Helen G. Davison. 1935. 41 pp. (Master's thesis, University of California)

#### RICE POLISHINGS

Comparison of the vitamin B (B<sub>1</sub>) potency of wheat embryo, rice polish and yeast. Pearl Gann. 1934. 57 pp. (Master's thesis, University of Texas)

The vitamin B (B<sub>1</sub>) content of rice polish and the possibility of using this product in food combinations for children. Helen Hipple. 1934. 45 pp. (Master's thesis, University of Texas)

#### SOYBEANS

The vitamin B (B<sub>1</sub>) content of Mammoth yellow soybeans. Caroline Mauldin. 1934. (University of Tennessee)

## STORAGE - See SWEETPOTATO

#### VITAMINS - Continued

## SULPHURING - See PEACHES

#### SWEETPOTATOES

- The quantitative determination of the vitamin A content of the Porto Rico and Yellow Jersey varieties of sweetpotato. Mary R. Armstrong. 1933. (University of Tennessee)
- A quantitative study of the vitamin C content of the Porto Rican variety of sweetpotato grown in 1931 and 1932 and the effect of cooking and storing on the vitamin C content of this food. Georgia C. Lowry. (University of Georgia)
- The vitamin A content of the Triumph and Southern Queen varieties of sweetpotato. Elizabeth Heap. 1934. (University of Tennessee)

#### ULTRAVIOLET LIGHT

The chemical determination of the amount of ultraviolet light in the sunshine of Denton, Texas. Anna B. Dorrough. 1931. 26 pp. (Master's thesis, Texas State College for Women)

#### VITAMIN A

- A comparison of the effect of vitamin A deficiency with that of "undernutrition" upon the deposition of lipids in the tissues of the rat, especially the liver. Helen L. Gillum. 1935. 47 pp. (Doctor's thesis, University of California)
- A dietary study emphasizing the vitamin A consumption of village and urban families during the winter months of 1933. Nellie E. M. Northrop. 1935. 55 pp. (Master's thesis, Syracuse University)
- The effect of emulsification on the utilization of vitamin A. Sister
  Mary C. O'Connor. 1934. 16 pp. (Master's thesis, Columbia University)
- A study in the utilization of vitamin A. Jessie E. Mack. 1934. 52 pp. (Master's thesis, Columbia University)

VITAMIN A IN FOODS - See APRICOTS, BEANS, EGGS, SWEETPOTATO

#### VITAMIN B

- The requirement of vitamin B factors for lactation in the rat. Catherine
  M. C. Simson. 1935. 36 pp. (Master's thesis, University of California)
- A study of the physiological effect of varying the amount of vitamin B in the diet. Orrea F. Pye. 1934. 41 pp. (Master's thesis, Syracuse University)
- VITAMIN B IN FOODS See BREAD, COTTONSEED FLOUR, PEACHES, RICE POLISH, SOYBEANS

## VITAMINS - Continued

#### VITAMIN B COMPLEX

A study of the influence of vitamin B complex on nitrogen metabolism in human subjects. Nellie Scott. 1934. 36 pp. (Master's thesis, Indiana University)

VITAMIN B COMPLEX IN FOODS - See CARROT

#### VITAMIN C

A study of urinary excretion of vitamin C and capillary resistance in relation to vitamin C ingestion. Miriam Gould. (Master's thesis, Cornell University)

VITAMIN C IN FOODS - See SWEETPOTATO

VITAMIN G - See LETTUCE, VITAMIN B

VITAMIN G IN FOODS - See BEANS, LETTUCE, PEACHES

WHEAT GERM - See RICE POLISHINGS

YEAST - See RICE POLISHINGS

## TEXTILES AND CLOTHING

#### HOUSEHOLD AND CLOTHING TEXTILES

#### BLANKETS

The effect of laundering upon the appearance and wearing quality of some blanket fabrics. Charlotte Jackson. 1934. 83 pp. (Master's thesis Iowa State College)

## CLEANING - See FUR

#### COTTON

A study of the Texas cotton mills and their products. Faye D. Bible. 1933. 61 pp. (Master's thesis, Texas State College for Women)

#### DESIGN

The development of design in Chinese textiles. Vina B. McFarland. 1934. 62 pp. (Master's thesis, Ohio State University)

Original decorative designs for crewel work. Helen Goeppinger. 1934. 97 pp. (Master's thesis, Iowa State College)

#### FUR

Effect of repeated cleaning upon fur pelts. Gladys McVay. 1934. 67 pp. (Master's thesis, Iowa State College)

#### HISTORICAL

The contributions of Philippe de Lasalle to the textile industry of Lyons.

Belle McC. Borland. 1934. (Master's thesis, University of Chicago)

The development of the use of cotton in England from the late 16th to the early 19th century. Margaret J. Hodgson. 1934. (Master's thesis, University of California)

The household textiles of the American colonists. Frances G. Swenson.
1933. 62 pp. (Master's thesis, George Peabody College for Teachers)

#### LACE

Brazilian lace and its relation to certain European lace. Dorothy Gatton. 1933. 86 pp. (Master's thesis, University of Washington)

#### LAUNDERING - See BLANKETS

#### RUGS

The growth of rug making in America with emphasis upon materials, designs, and methods. Annabel D. Zimmerman. (Master's thesis, Pennsylvania State College)

## HOUSEHOLD AND CLOTHING TEXTILES - Continued

## SILK

- Biological aspects of silk weighted with lead. Elsa O. Weidner. 1935. (Master's thesis, Pennsylvania State College)
- The effect of lead weighting on the durability of silk and the possible health hazards involved in the wearing of silk which has been lead weighted. Polly B. Kessinger. 1934. (Master's thesis, Pennsylvania State College)
- Factors affecting stretch and slippage of yarn in certain wool and silk fabrics. Eleanor G. McFadden. 1934. 54 pp. (Master's thesis, Iowa State College)
- Nitrogen studies on weighted and unweighted silk. Ann L. Reimel. 1931. (Master's thesis, Pennsylvania State College)
- A study of consumer problems in the purchase of silk fabrics. Geraldine E. Cook. 1932. (Master's thesis, Pennsylvania State College)
- A study of the effect of various agencies on the properties of weighted and unweighted silk. Nellie M. Roberts. 1930. (Master's thesis, Pennsylvania State College)
- Why silk dresses are discarded. Mary E. Deck. 1933. (Master's thesis, Pennsylvania State College)

## TEXTILE TESTING

- An experimental study of the relative value of sight and touch in the determination of the qualities of textiles. Olga C. Hauge. 1934. (Master's thesis, University of Southern California)
- A statistical evaluation of methods of testing tensile strength. Beryl Dixon. 1933. (Master's thesis, University of Chicago)
- Tests to determine wearing quality of window shade fabrics. Ruby B. Kassel. 1934. 53 pp. (Master's thesis, Iowa State College)

WEIGHTING - See SILK

WOOL - See SILK

#### TEXTILE AND CLOTHING ECONOMICS

#### BUDGETS

- Individual clothing budgets for relief and standard income levels for various ages and for both sexes. Helen L. Jackson. 1930. (Master's thesis, Oregon State College)
- A study of clothing expenditures of junior high school girls. Mary Ausman. 1933. (Master's thesis, University of Chicago)
- Expenditures for clothing and play materials for preschool children.

  Marguerite Dixon. 1935. (Master's thesis, Cornell University)

#### TEXTILE AND CLOTHING ECONOMICS - Continued

#### CHILDREN'S CLOTHING

An economic study of children's clothing, ages 2 - 7, inclusive. Mary Pennington, 1934. (Michigan State College)

#### HOME SEWING

- A study of present trends in home sewing in Tennessee. Mary A. Snyder. 1933. (Master's thesis, University of Tennessee)
- A survey of clothing bought ready-made versus amount of clothing made in homes in California towns. Martha R. Kollmansperger. 1934. 43 pp. (Master's thesis, Iowa State College)
- A survey to determine the type and amount of sewing being done in the home. Dura F. Plant. 1933. 55 pp. (Master's thesis, Iowa State College)

## LABELS - See SELECTION

#### SELECTION

- Certain agencies helpful to the consumer of textiles. Lillian P. Beaird. 1934. 34 pp. (Master's thesis, George Peabody College for Teachers)
- Factors determining the purchasing of clothing by women in a mining community in Minnesota. Edith C. Stevens. 1934. 70 pp. (Master's thesis, Iowa State College)
- Factors influencing the selection and purchase of silk and rayon dress materials. Maurine Risinger. 1933. 57 pp. (Master's thesis, Texas State College for Women)
- Factors which influence men in the purchase of their clothing. Jessie Corbin. 1934. 46 pp. (Master's thesis, Iowa State College)
- Labels as a guide in the selection of women's ready-to-wear dresses. Ethel B. Montague, 1933. 95 pp. (Master's thesis, Texas State College for Women)
- A study of household fabrics in the homes of Tuscaloosa County (Alabama). Mrs. Ada C. Dowling. 1935. (Master's thesis, University of Alabama)

#### COSTUME DESIGN

## FASHIONS

The factors influencing present day fashions in America. Agnes Montgomery. 1934. 77 pp. (Master's thesis, Oklahoma A & M College)

#### COSTUME DESIGN - Continued

#### HISTORICAL

- Influence of certain phases of American life on costume from 1607-1933. Helen Cannon. 1933. 125 pp. (Master's thesis, Iowa State College)
- Settings and costumes designed to interpret a 13th Century play for high school production. Mary G. Biddle. 1934. 96 + 45 pp. (Master's thesis, University of California)

### RUSSIAN

Russia and Russian costume: present day Russia. Shirley G. Fabrick. 1933. 50 pp. (Master's thesis, University of Wisconsin)

#### SHOES

- The incidence of foot trouble and poorly chosen shoes among women of different weights. Ruth A. Hall. 1934. 65 pp. (Master's thesis, Iowa State College)
- Shoes and their relation to health. Mary C. Clark. 1934. (Master's thesis, Pennsylvania State College)

#### CLOTHING CONSTRUCTION

### MACHINE SEWING

The preparation of an analytic scale for judging machine sewing.

Marcia L. Winn. 1932. (Master's thesis, Pennsylvania State College)

#### MEASUREMENTS

- A comparative study of the measurements of two hundred twenty four ready-made dresses. Mary Haas. 1934. (University of Tennessee)
- A comparison of the body measurements of certain Oklahoma girls with the measurements of ready-made garments. Grace G. Hyder. 1934. 54 pp. (Master's thesis, Oklahoma A & M College)

#### PATTERNS

A study of inexpensive commercial dress patterns. Maude E. Hopkins. 1934. 39+pp. (Master's thesis, Oklahoma A & M College)

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